

Program EVALPLOT  
(Version 2018-1)

by

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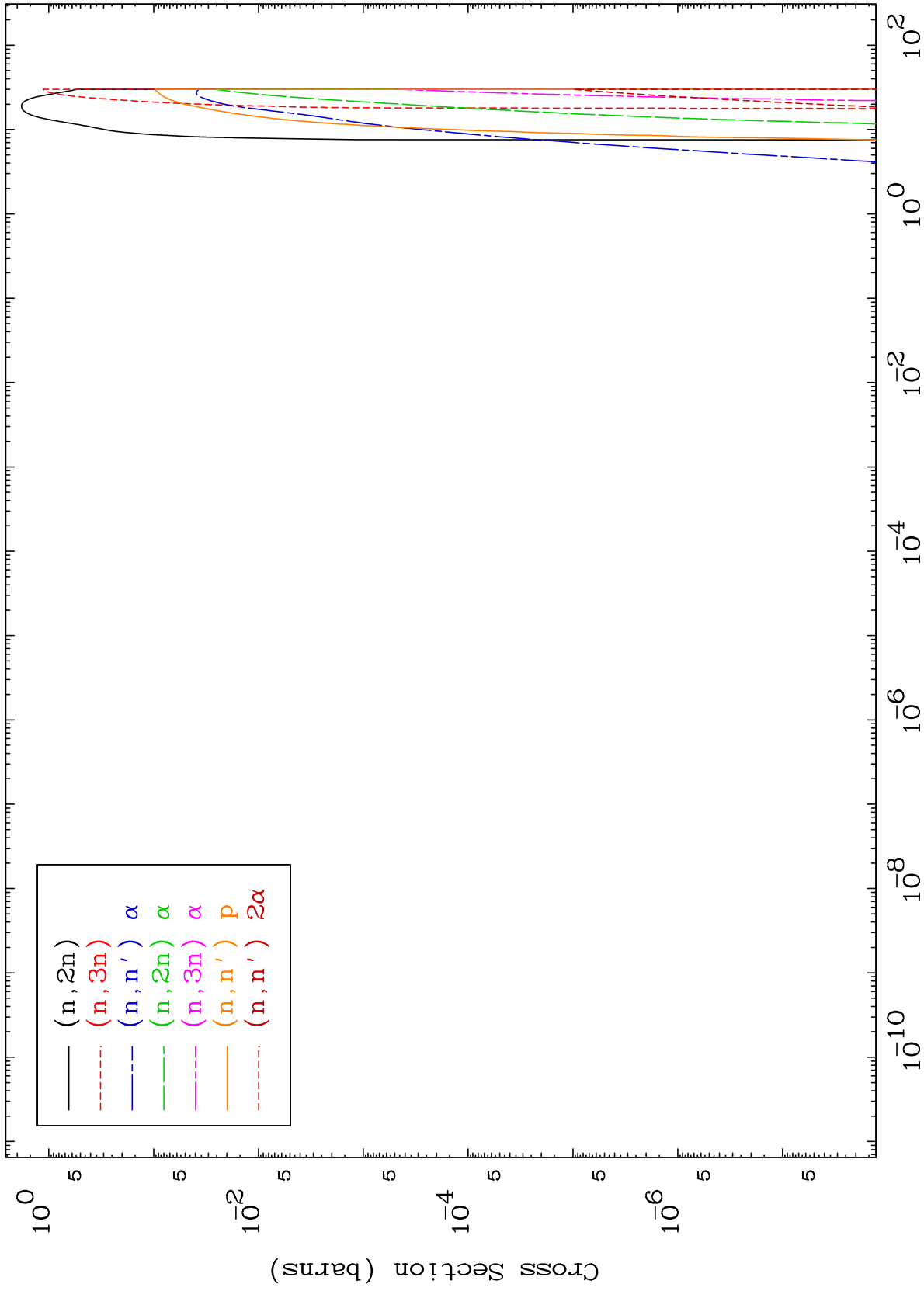
Press Mouse Button to Start



MAT 8004

### Neutron Production 293 Kelvin Cross Sections

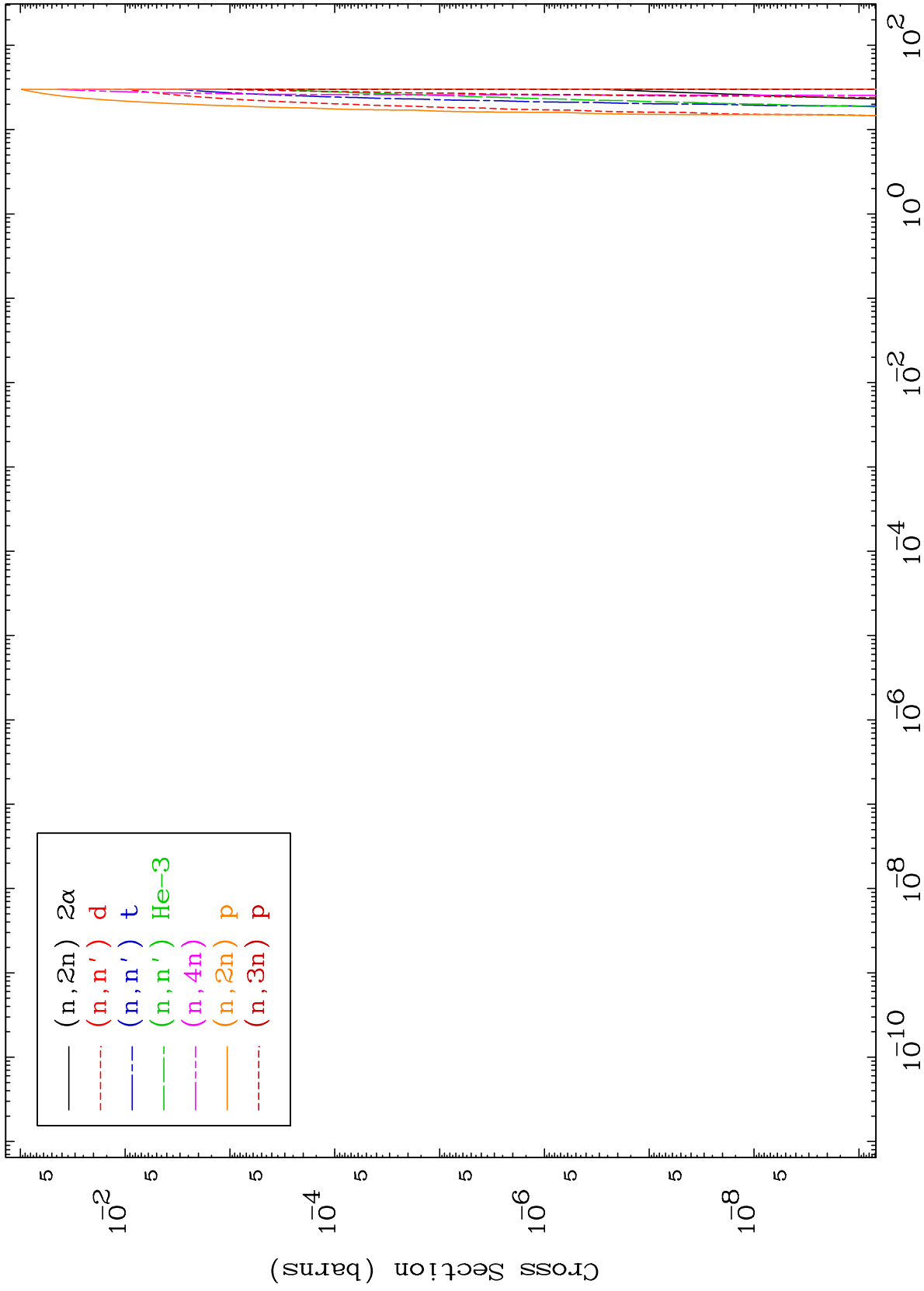
80-Hg-189



MAT 8004

Neutron Production  
293 Kelvin Cross Sections

80-Hg-189

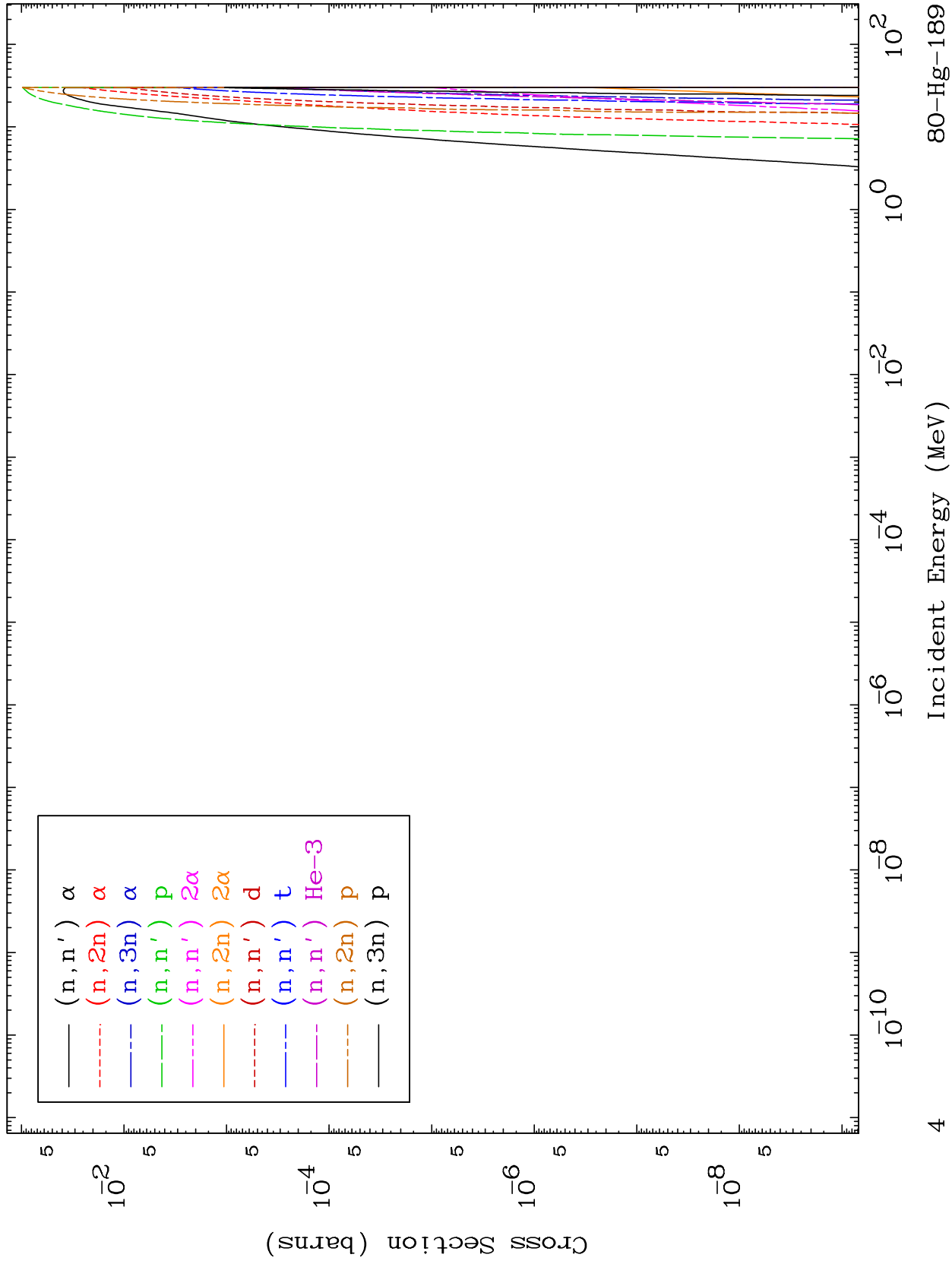


80-Hg-189

MAT 8004

Charged Particle  
293 Kelvin Cross Sections

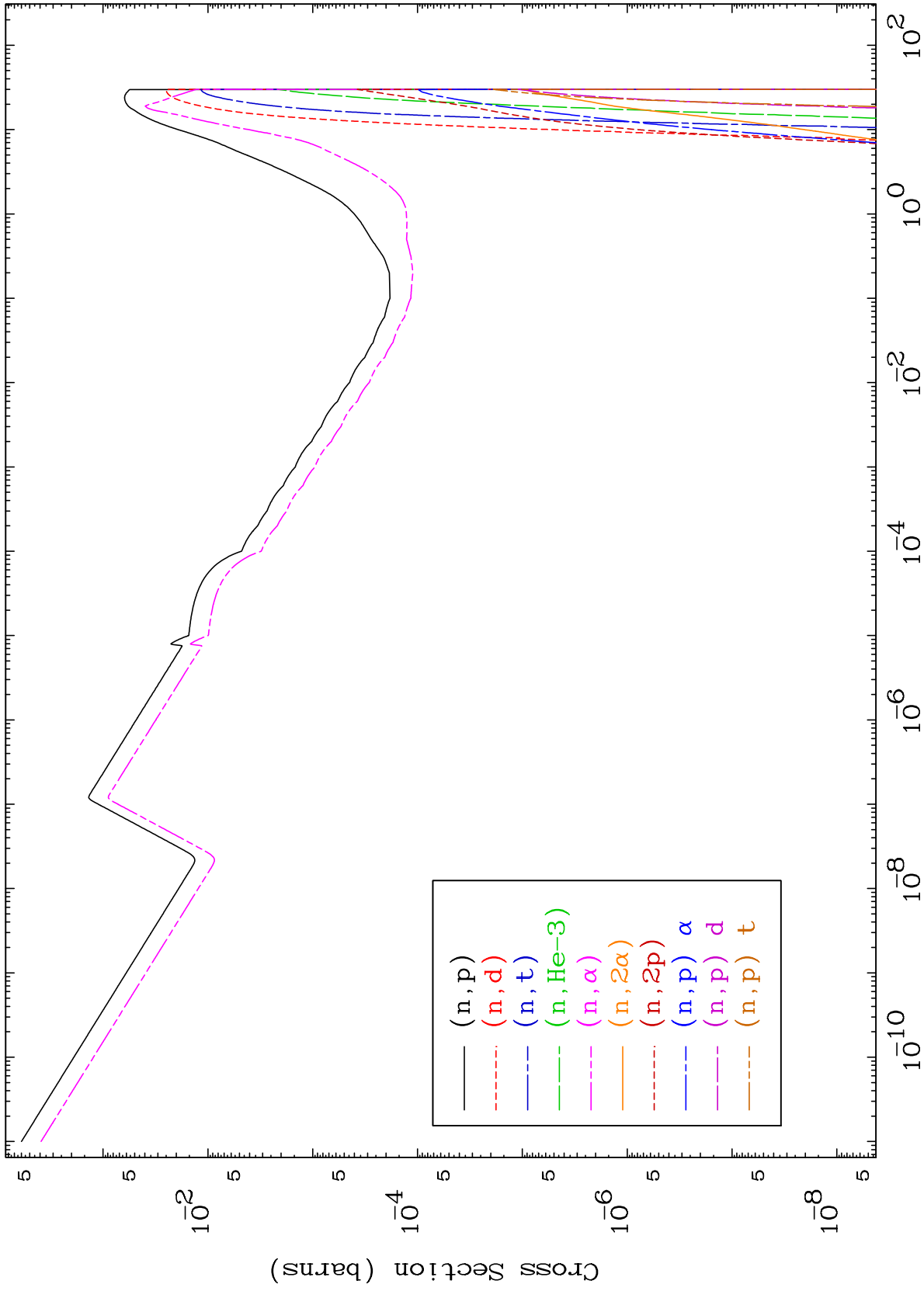
80-Hg-189



MAT 8004

293 Kelvin Cross Sections

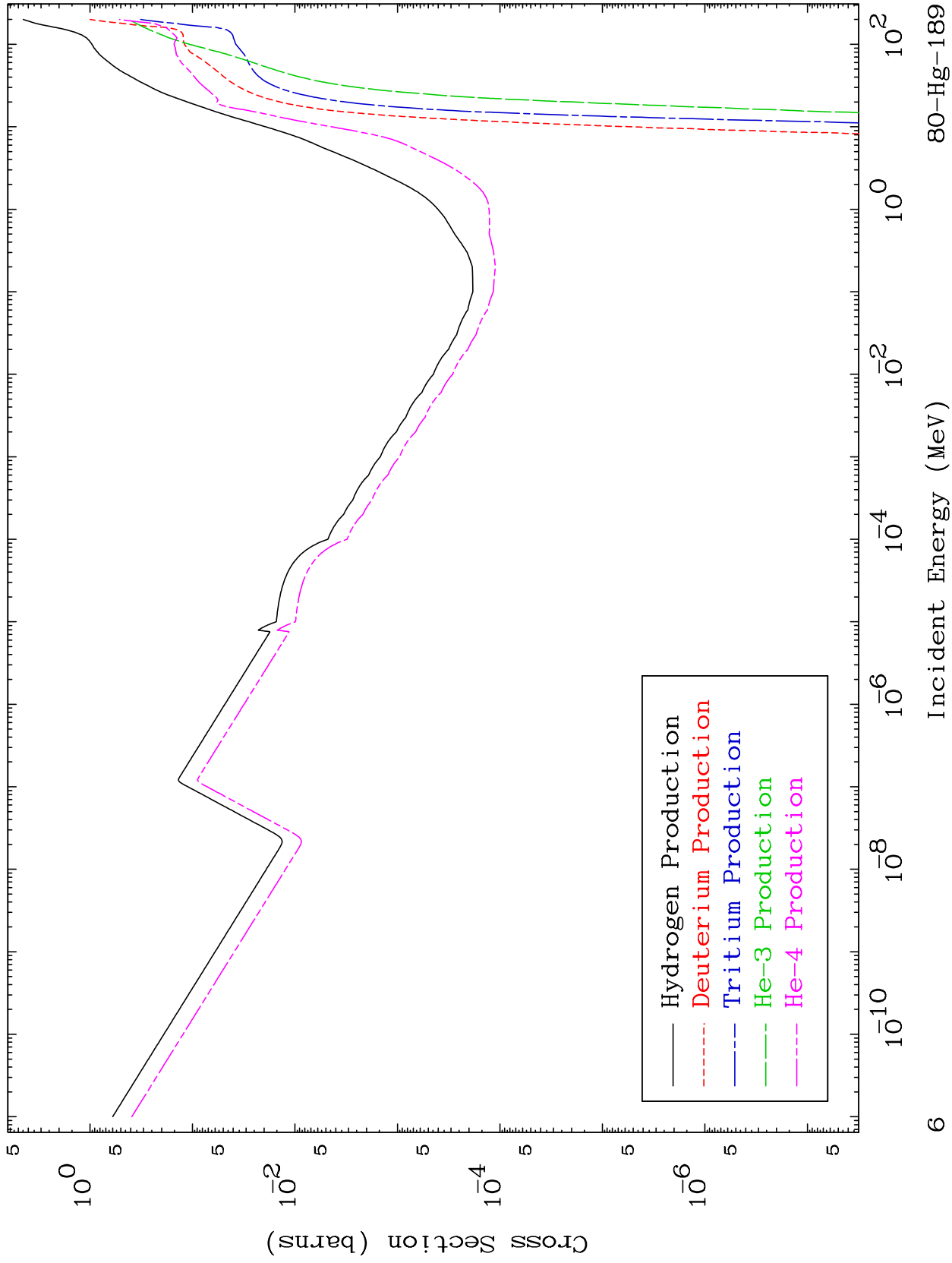
80-Hg-189



MAT 8004

Particle Production  
293 Kelvin Cross Sections

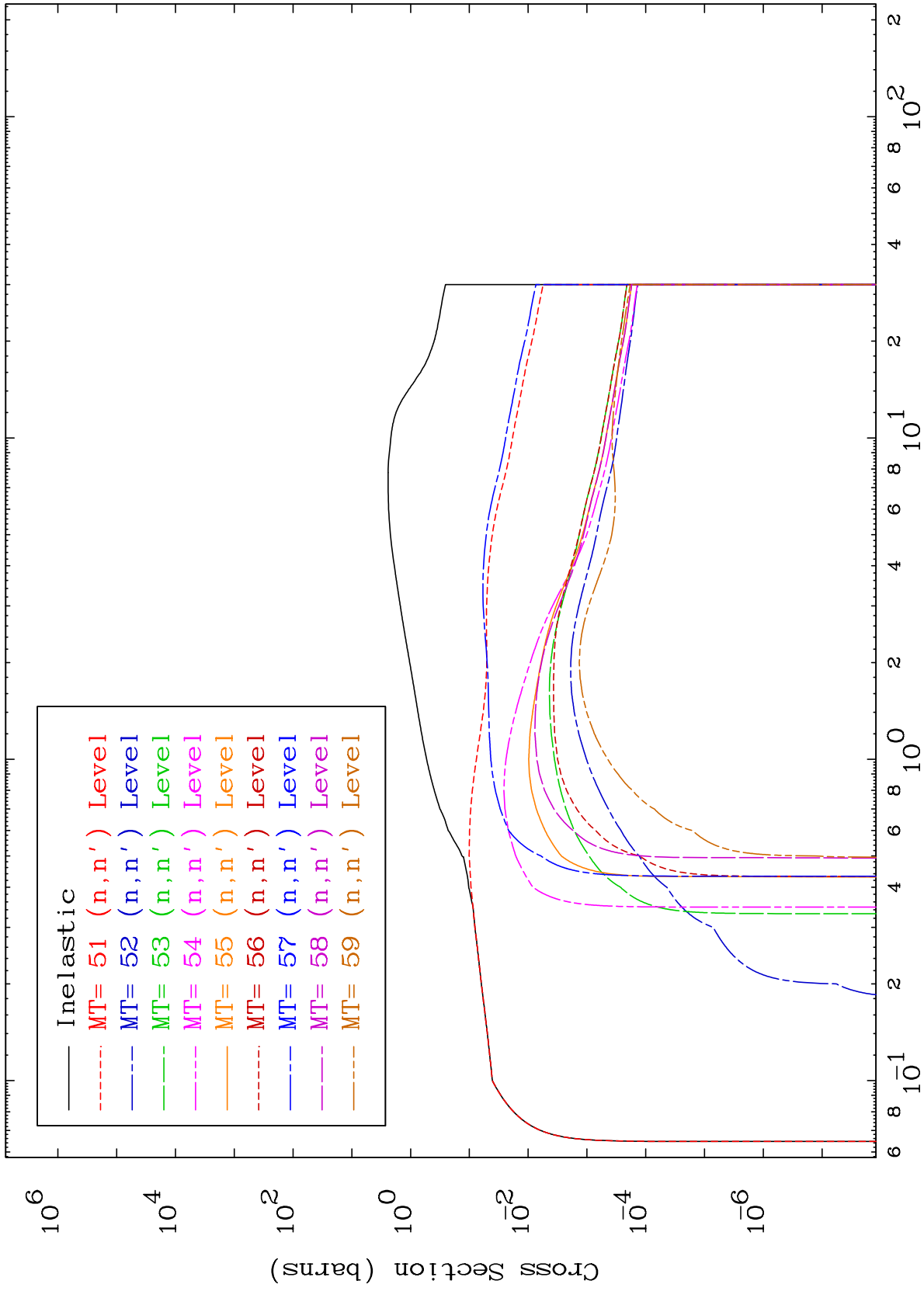
80-Hg-189



MAT 8004

(n,n') Level  
293 Kelvin Cross Sections

80-Hg-189



7

Incident Energy (MeV)

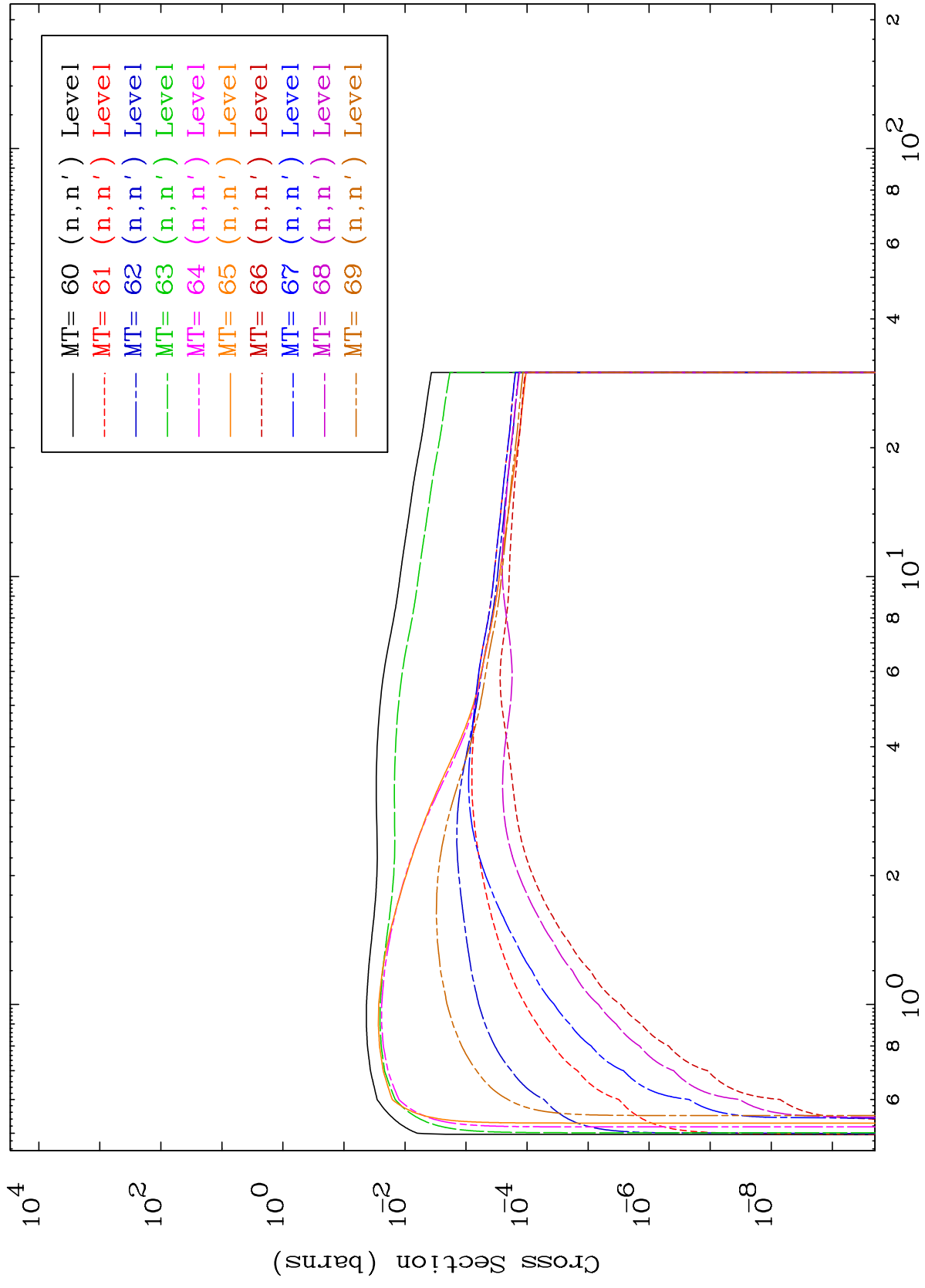
80-Hg-189



MAT 8004

(n,n') Level  
293 Kelvin Cross Sections

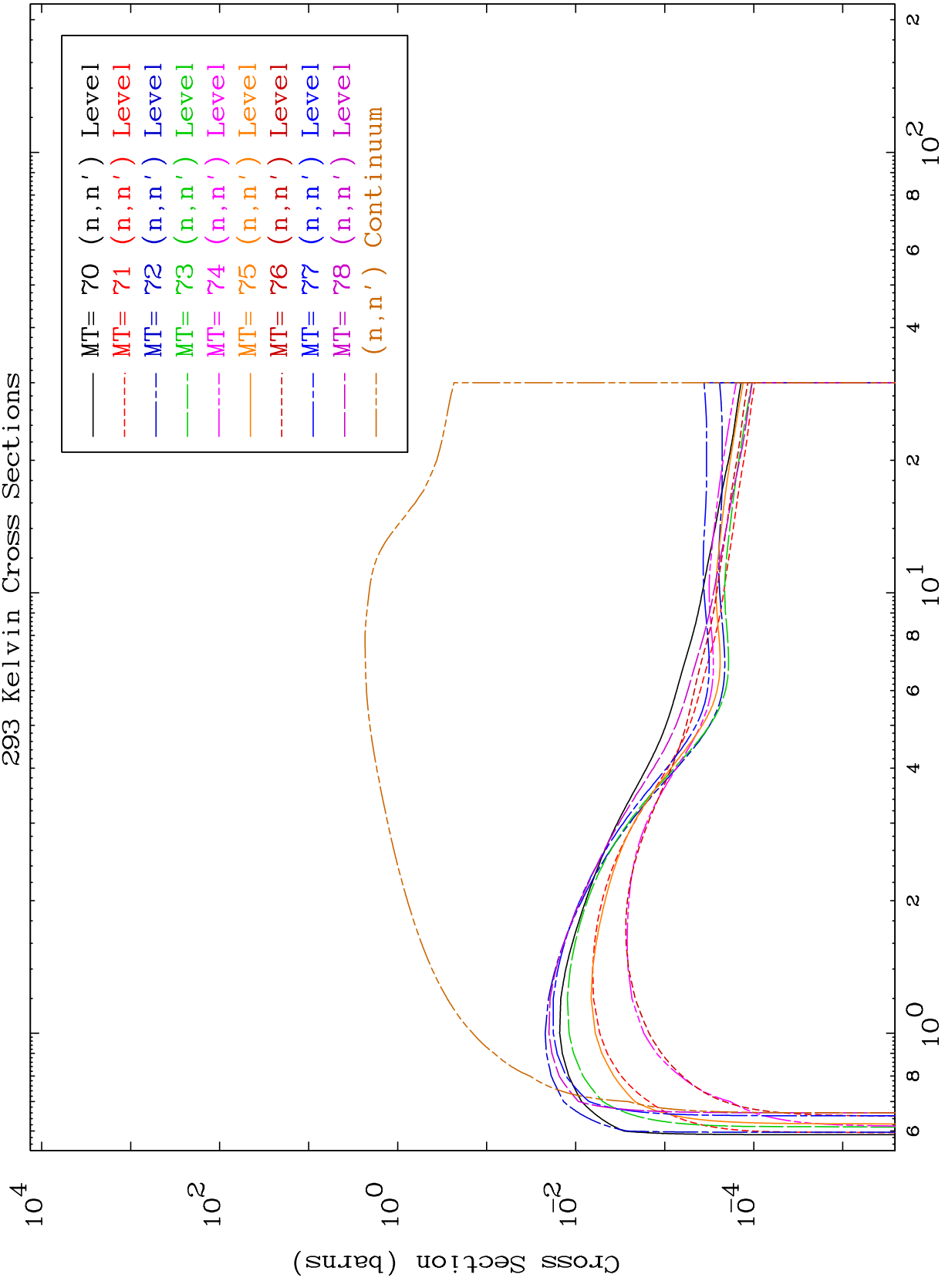
80-Hg-189



8

Incident Energy (MeV)

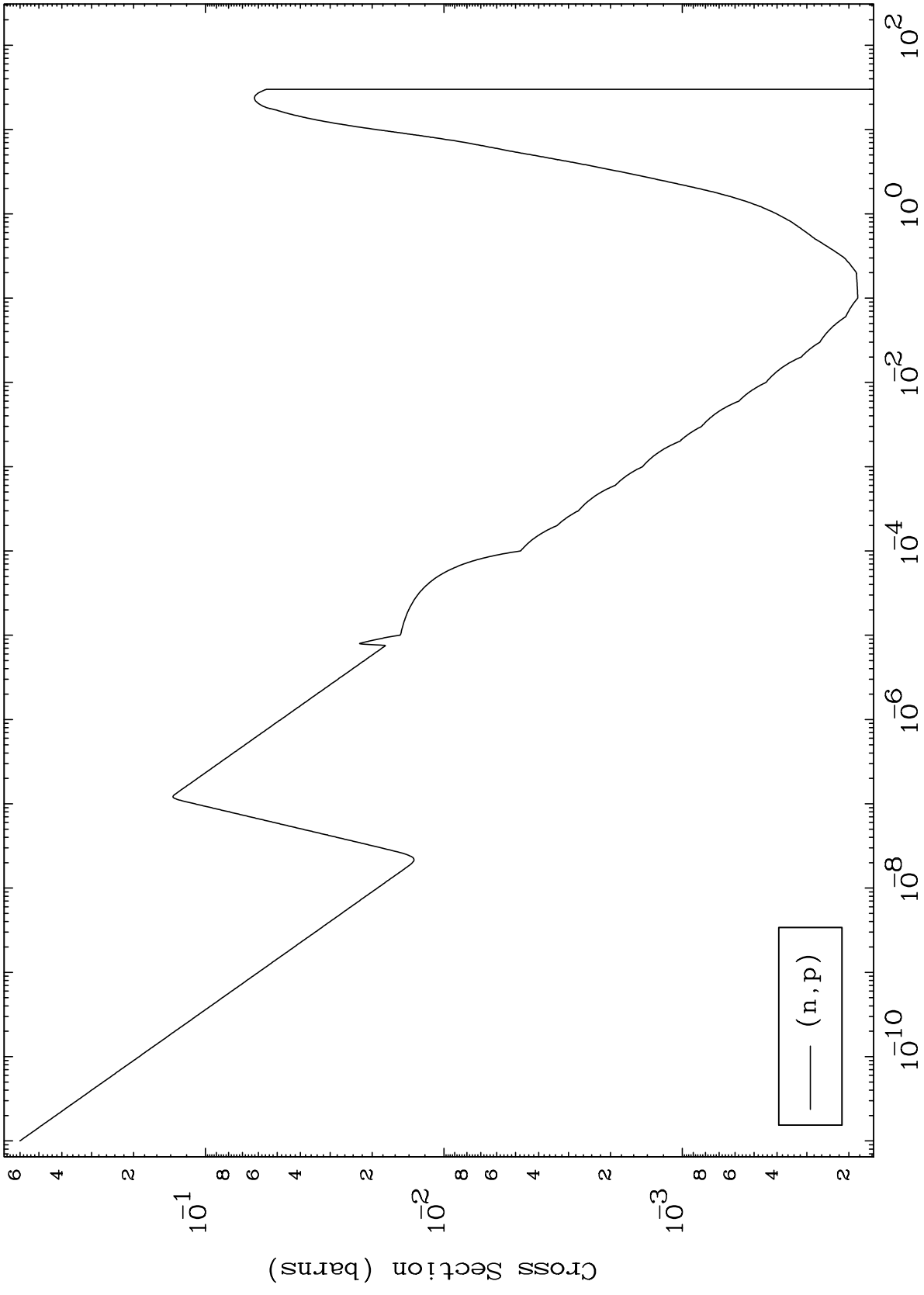
80-Hg-189



MAT 8004

(n,p) Levels  
293 Kelvin Cross Sections

80-Hg-189



10

Incident Energy (MeV)

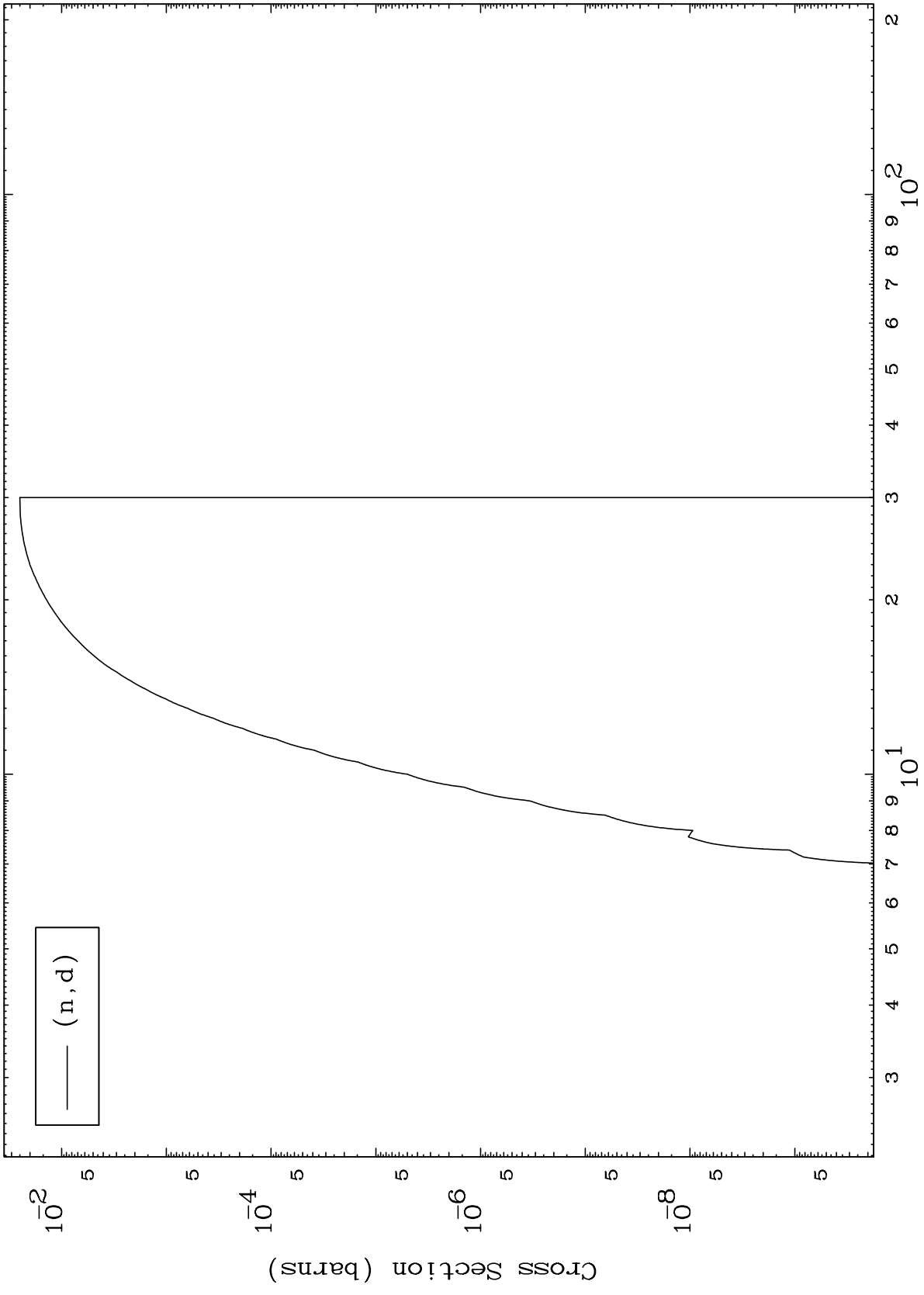
80-Hg-189

— (n, p)

MAT 8004

(n,d) Levels  
293 Kelvin Cross Sections

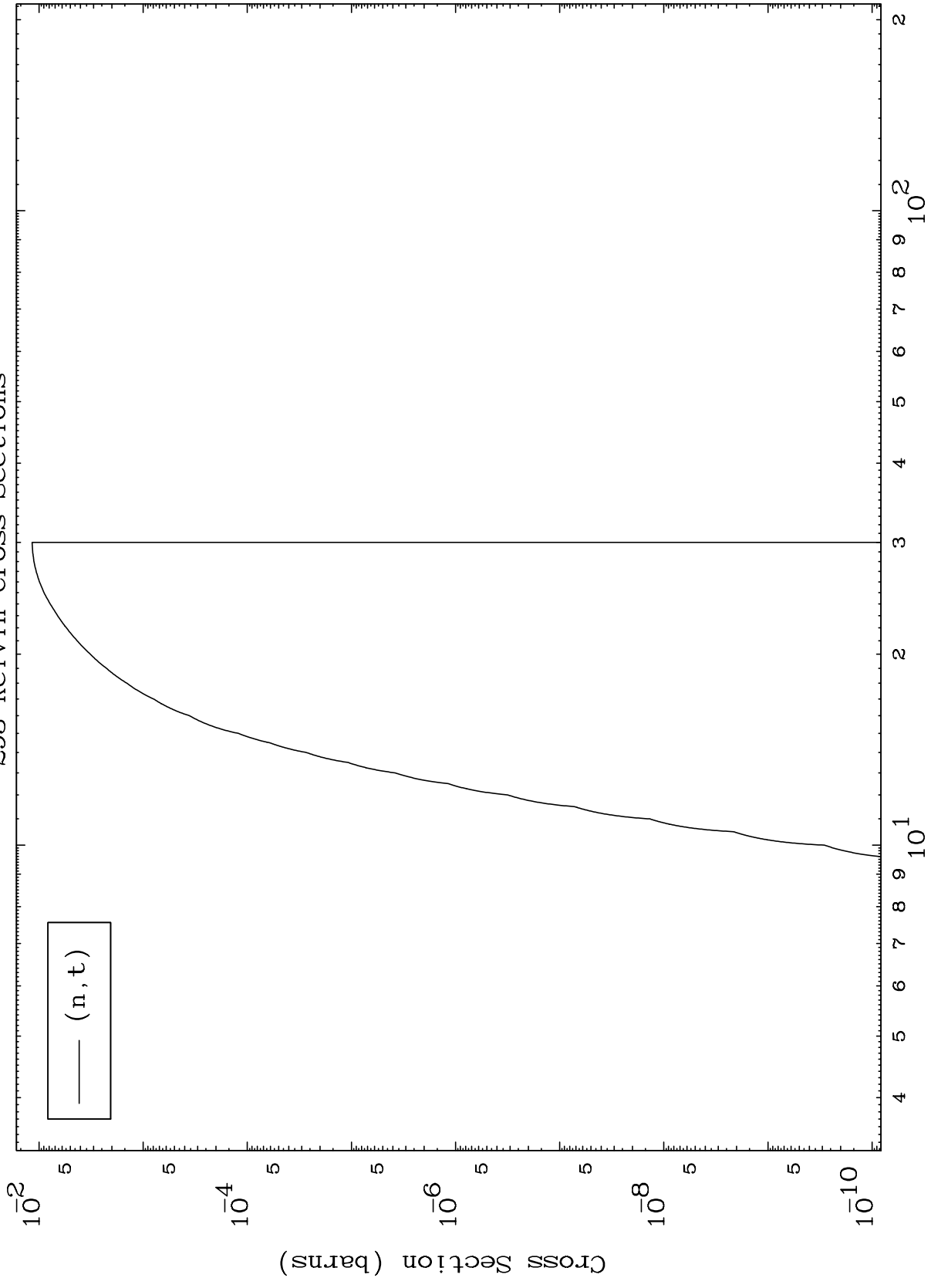
80-Hg-189



MAT 8004

(n,t) Levels  
293 Kelvin Cross Sections

80-Hg-189



12

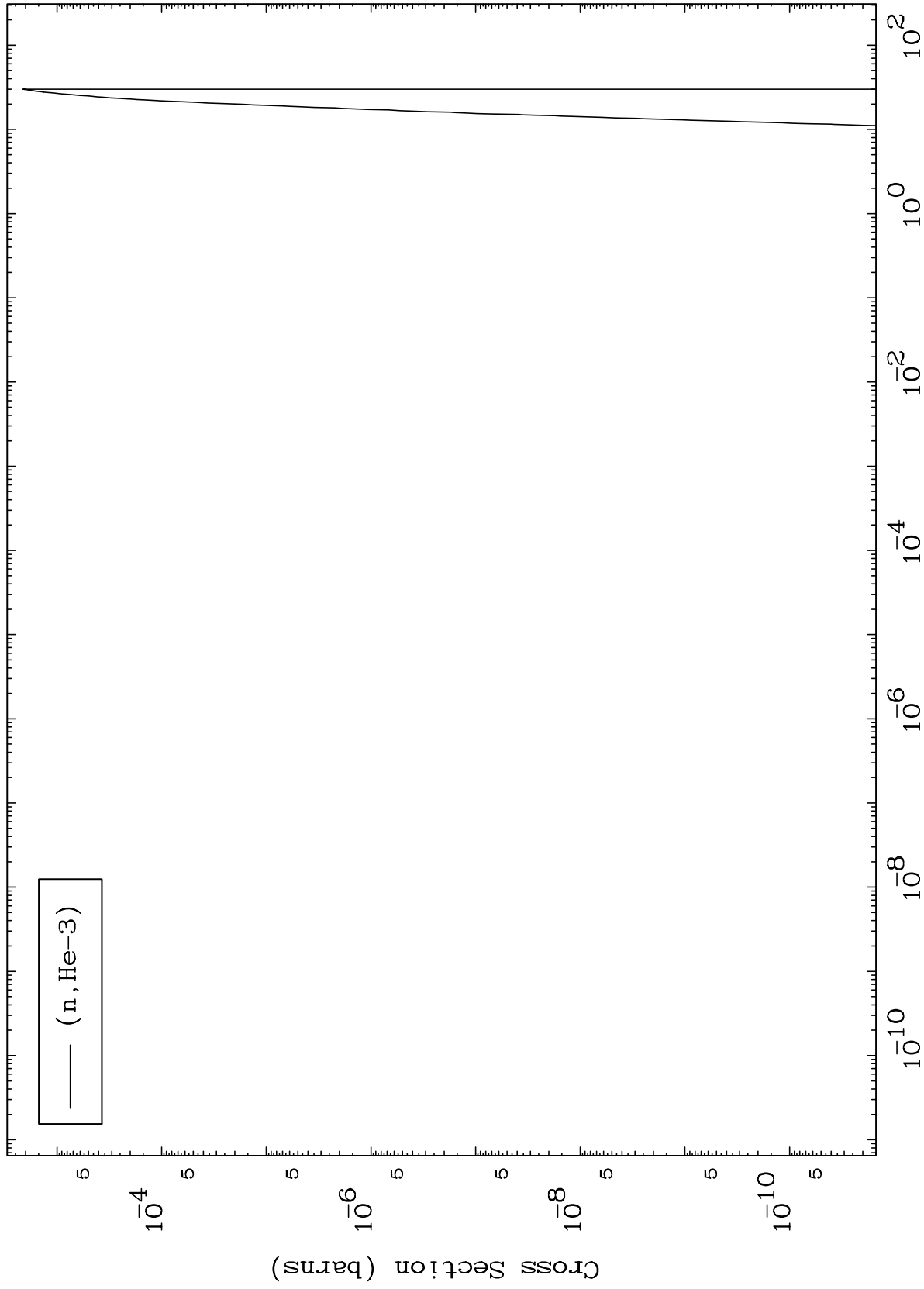
Incident Energy (MeV)

80-Hg-189

MAT 8004

(n,He3) Levels  
293 Kelvin Cross Sections

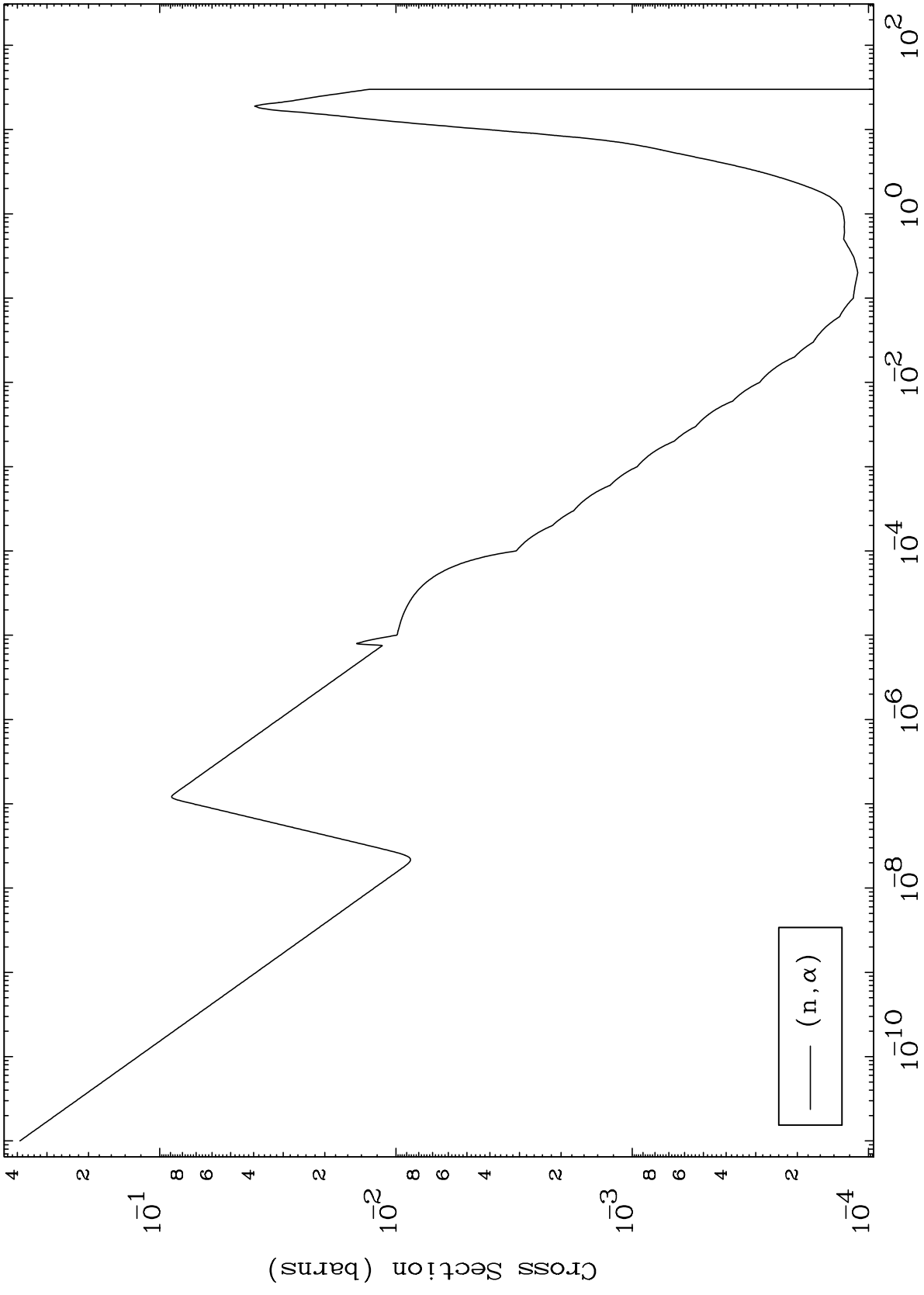
80-Hg-189

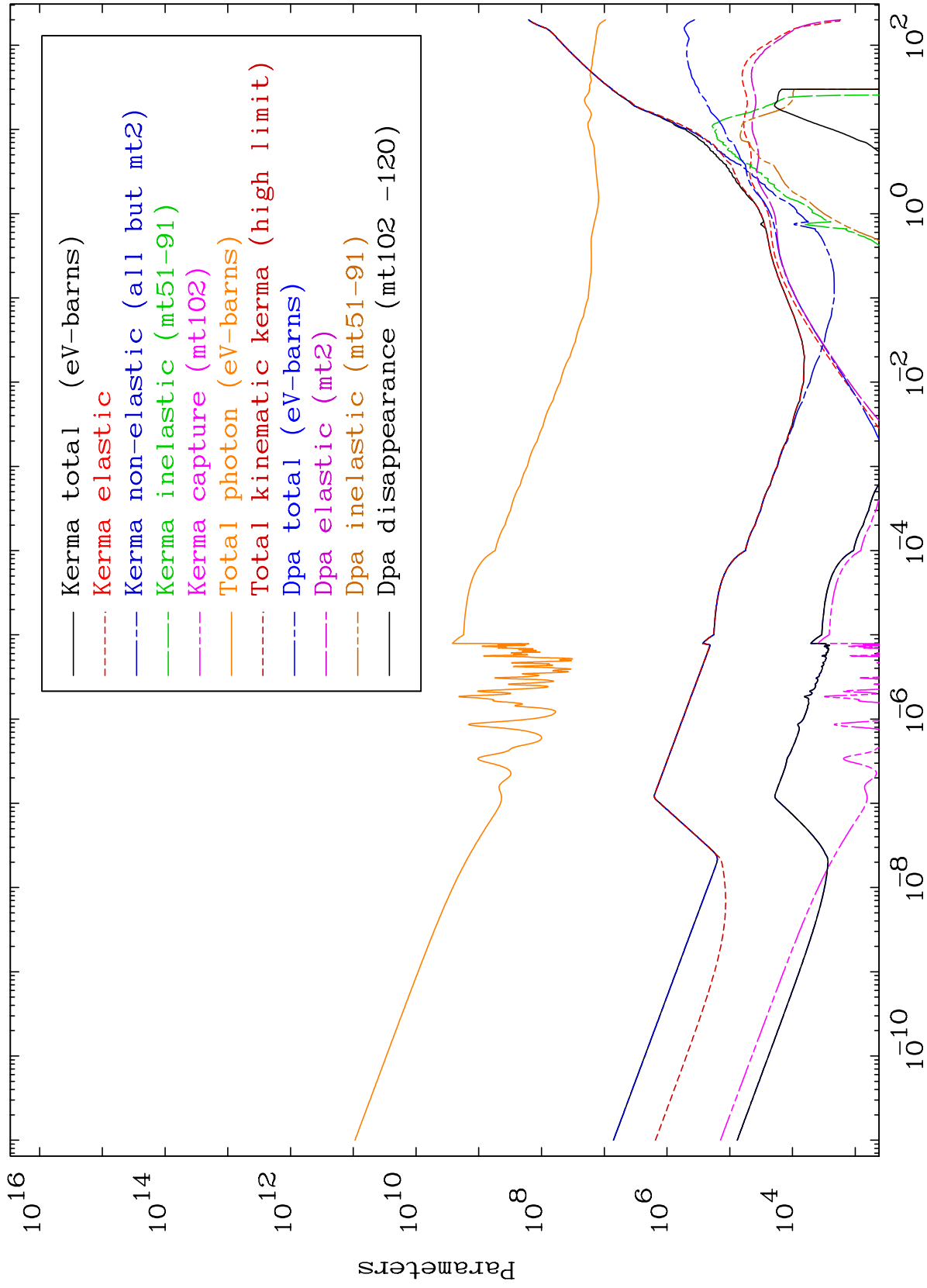


MAT 8004

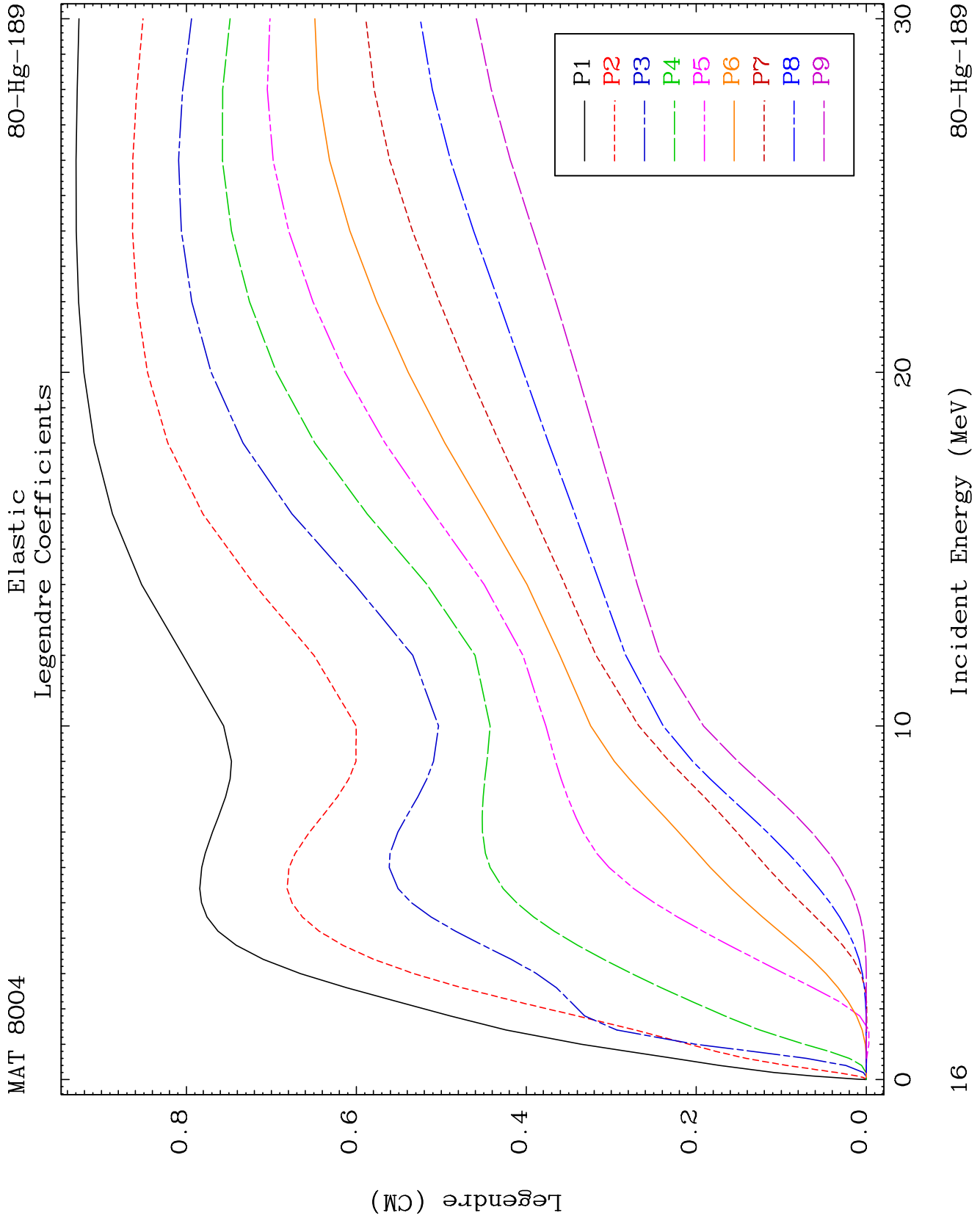
(n,α) Levels  
293 Kelvin Cross Sections

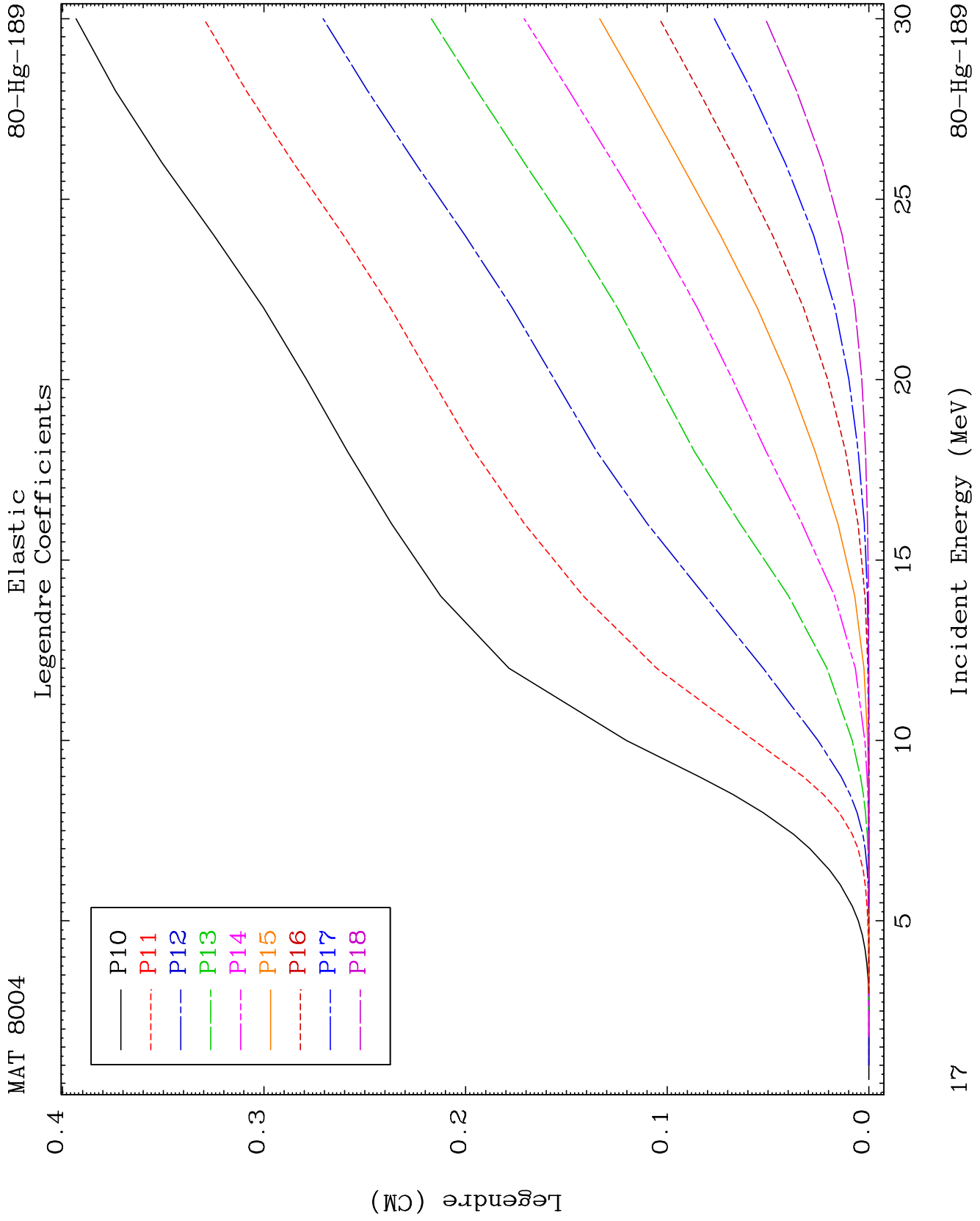
80-Hg-189







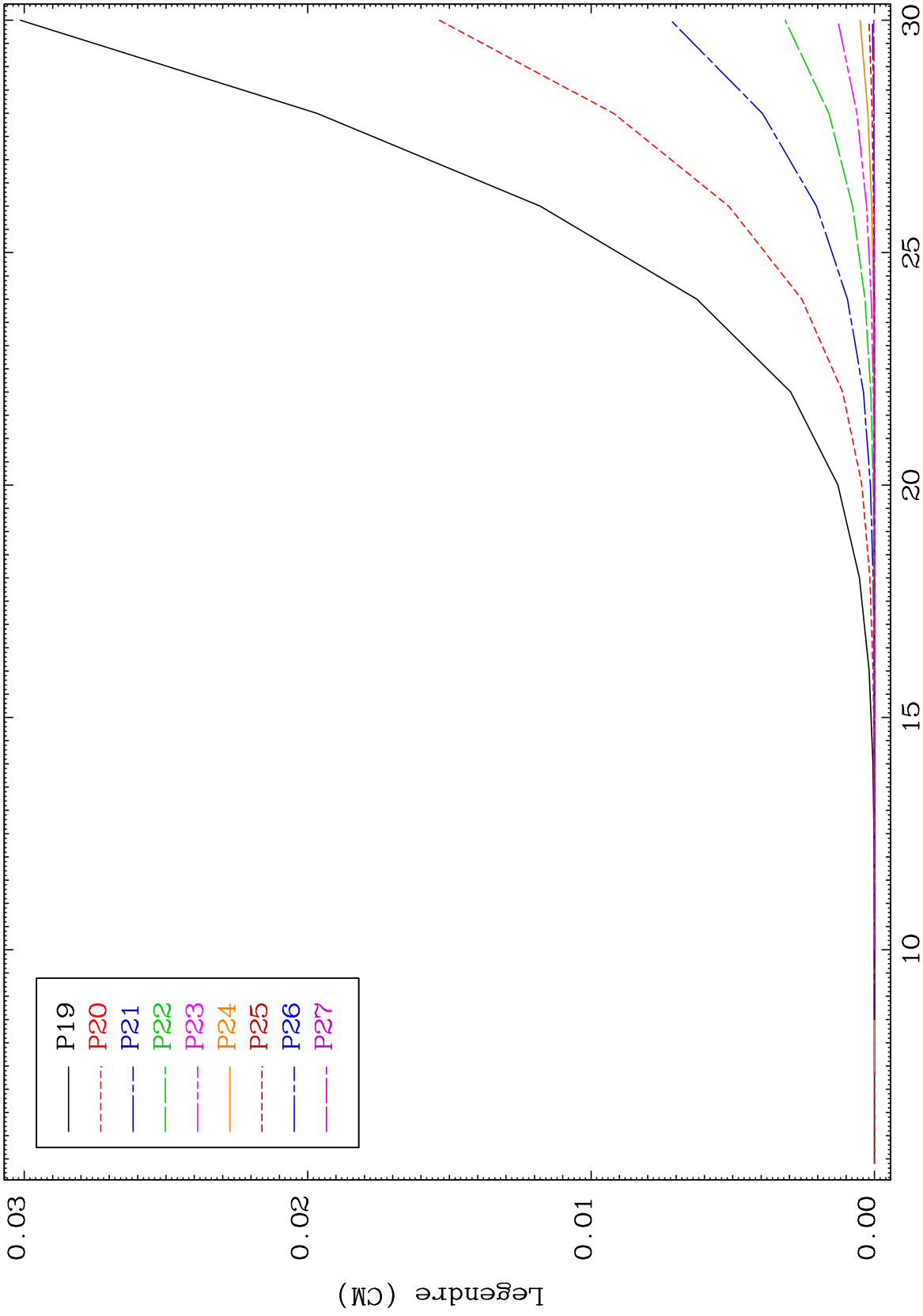




MAT 8004

Elastic Legendre Coefficients

80-Hg-189



18

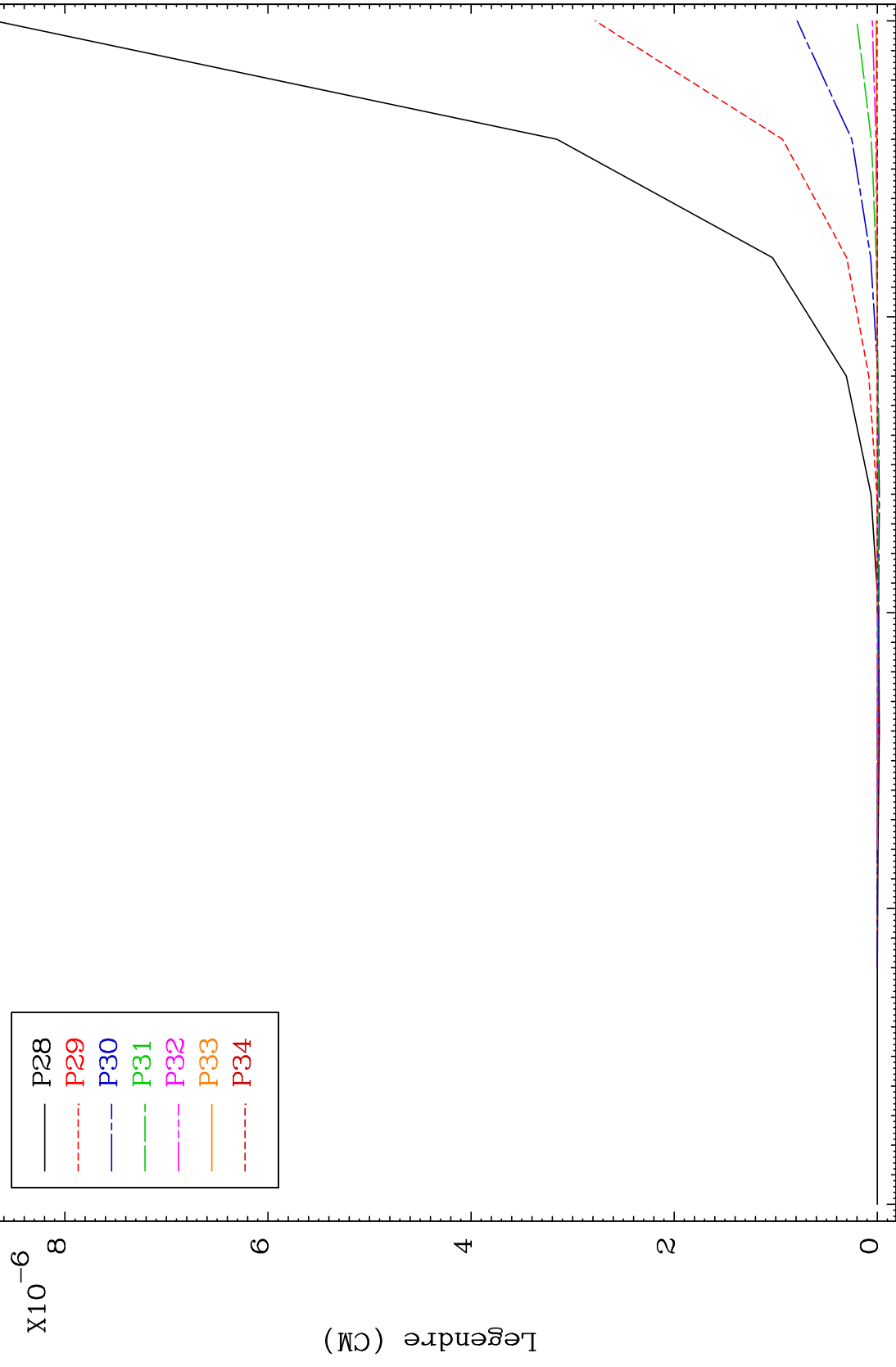
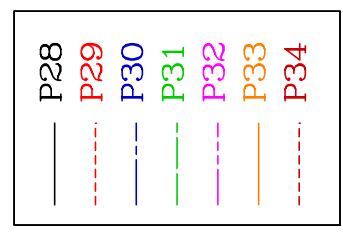
Incident Energy (MeV)

80-Hg-189

MAT 8004

Elastic Legendre Coefficients

80-Hg-189



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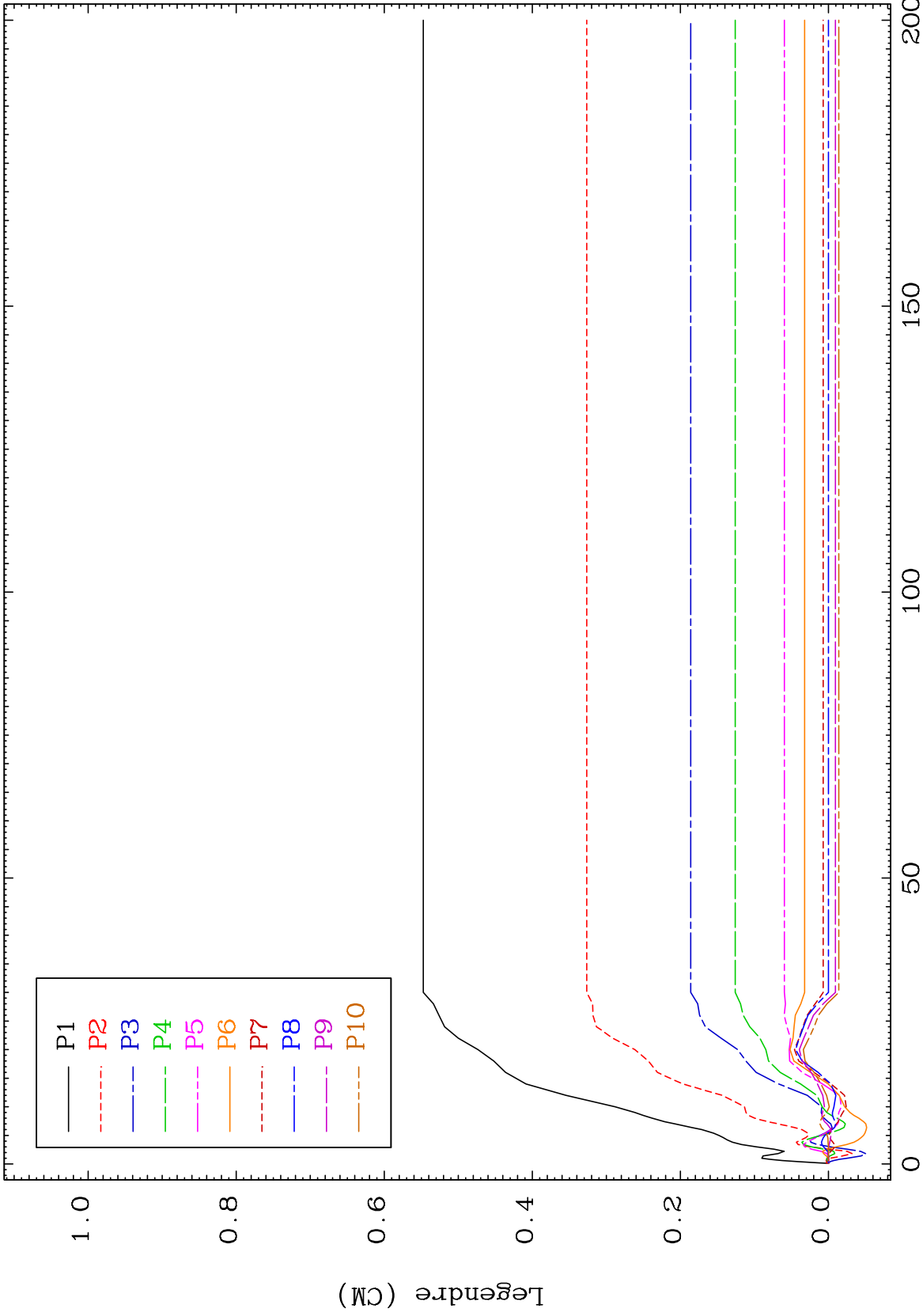
Incident Energy (MeV)

80-Hg-189

MAT 8004

MT= 51 (n,n') Level  
Legendre Coefficients

80-Hg-189



80-Hg-189

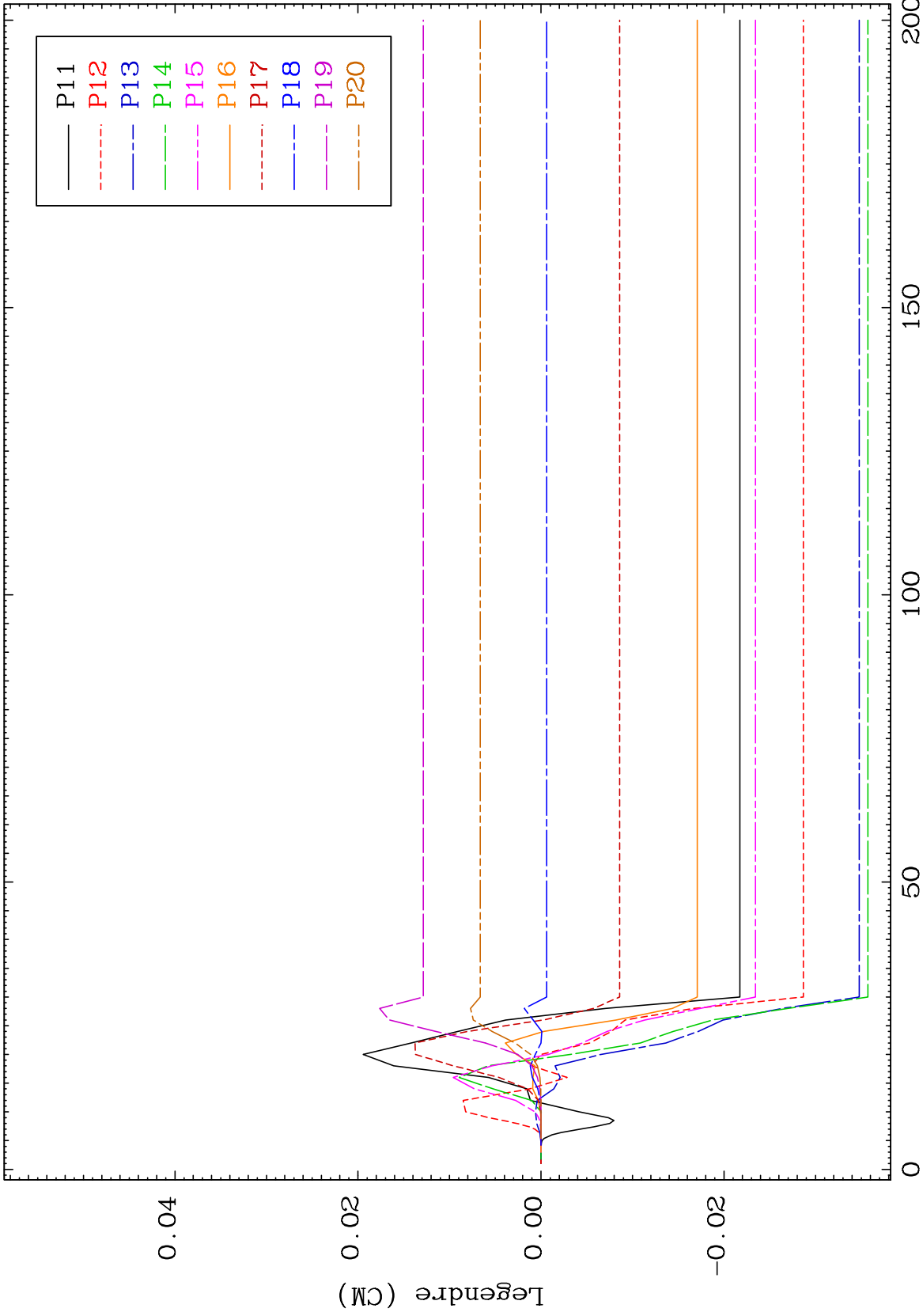
Incident Energy (MeV)

20

MAT 8004

MT= 51 (n,n') Level  
Legendre Coefficients

80-Hg-189



21

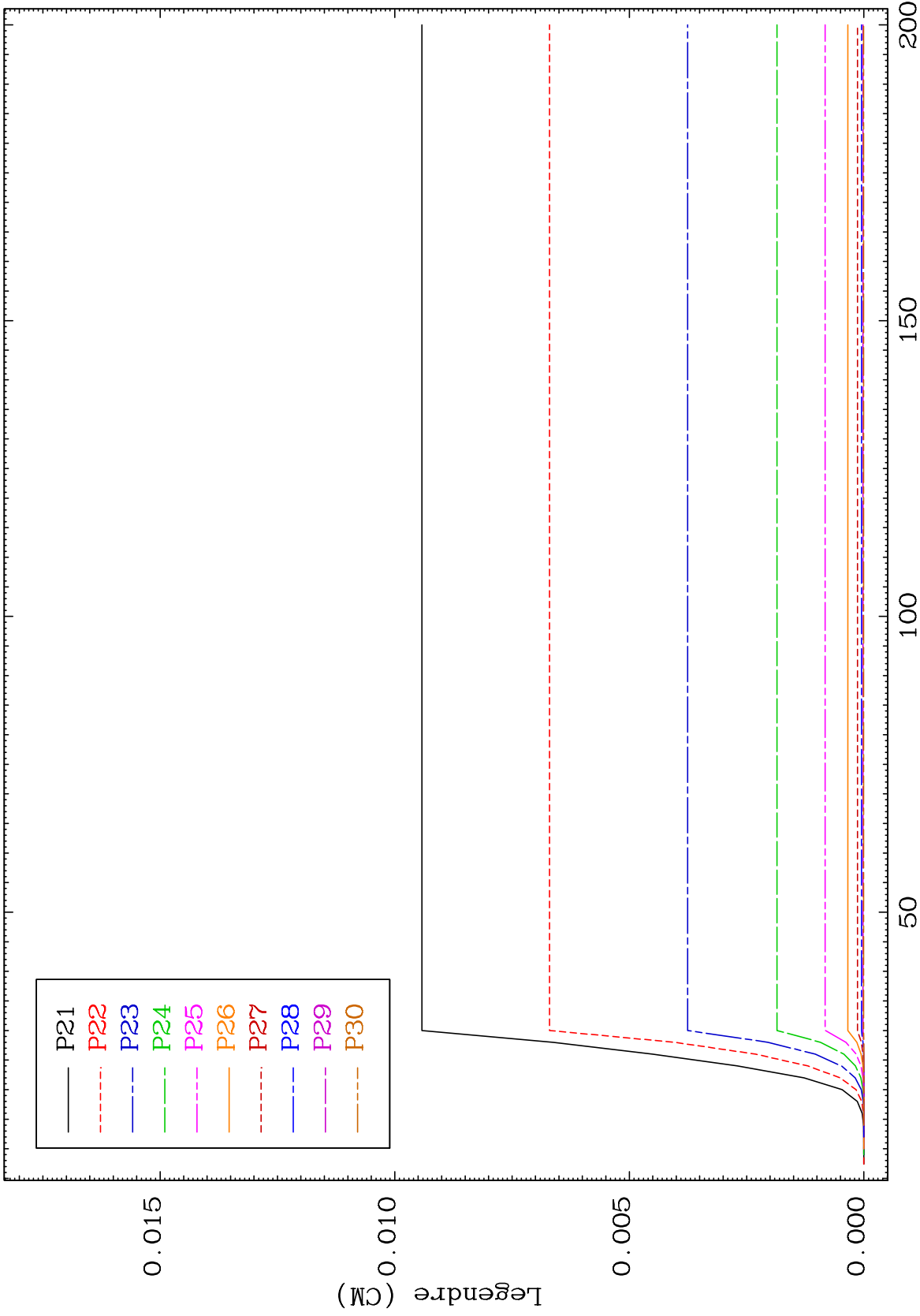
Incident Energy (MeV)

80-Hg-189

MAT 8004

MT= 51 (n,n') Level  
Legendre Coefficients

80-Hg-189



22

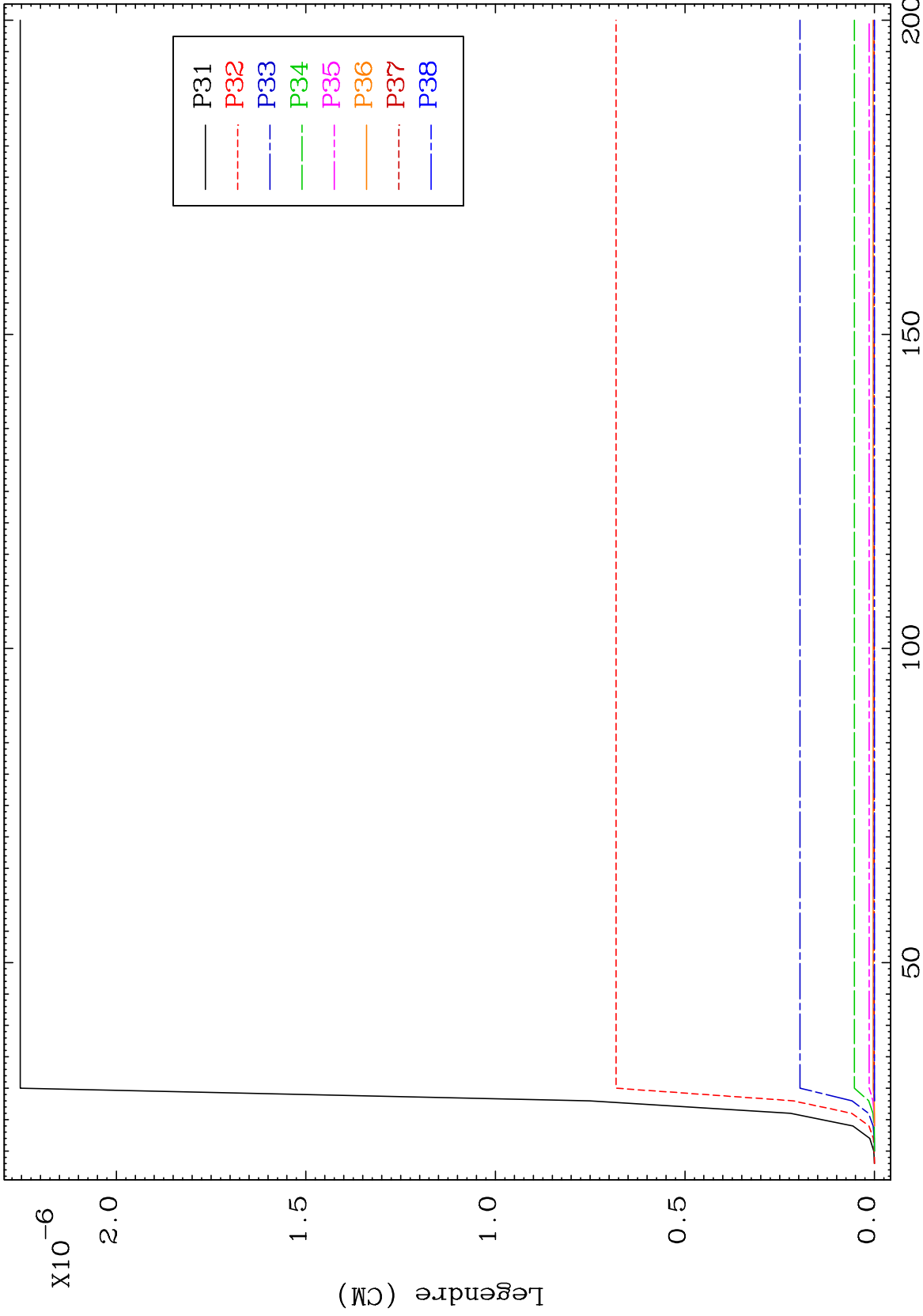
Incident Energy (MeV)

80-Hg-189

MAT 8004

MT= 51 (n,n') Level  
Legendre Coefficients

80-Hg-189



23

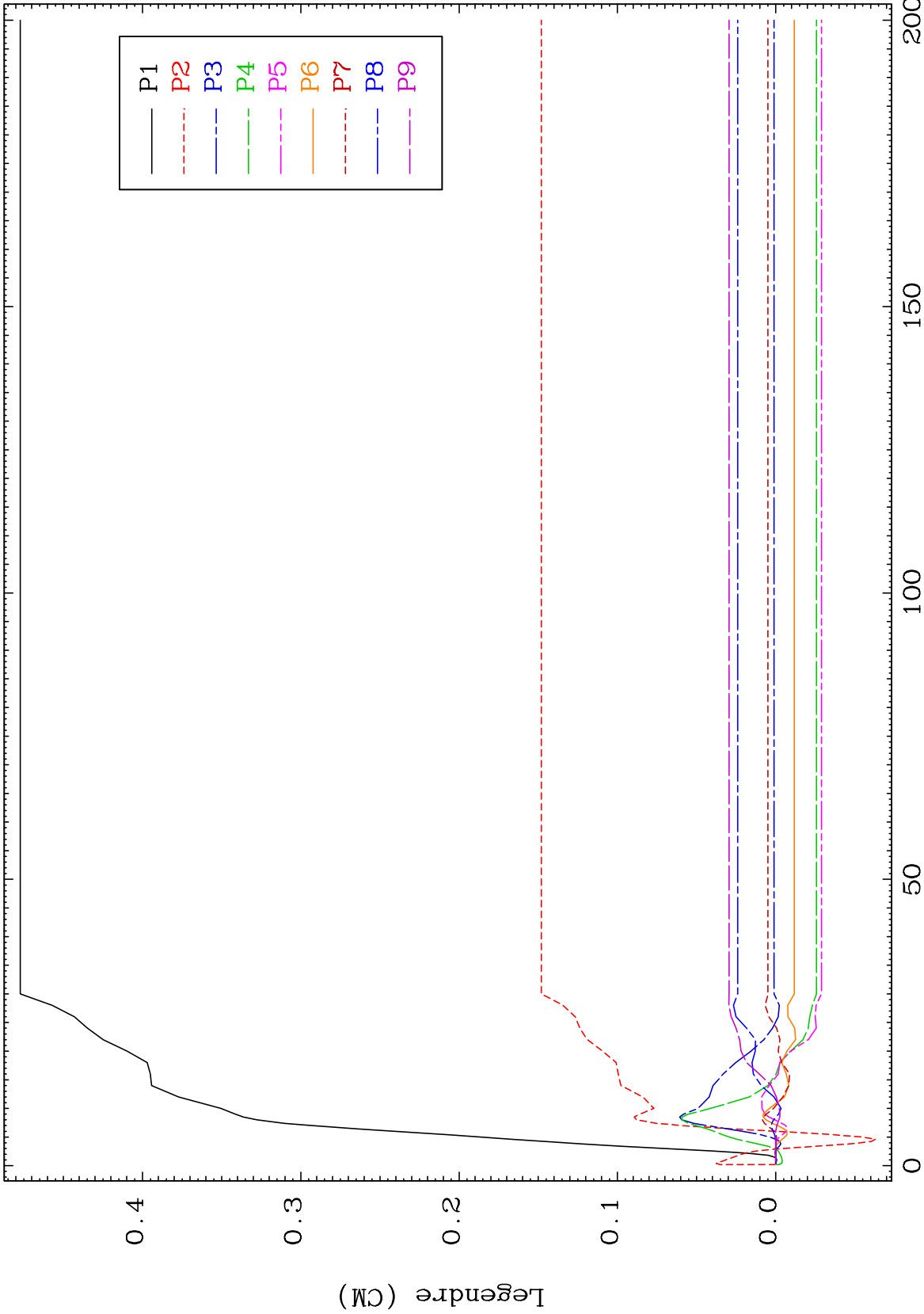
80-Hg-189



MAT 8004

MT= 52 (n,n') Level  
Legendre Coefficients

80-Hg-189

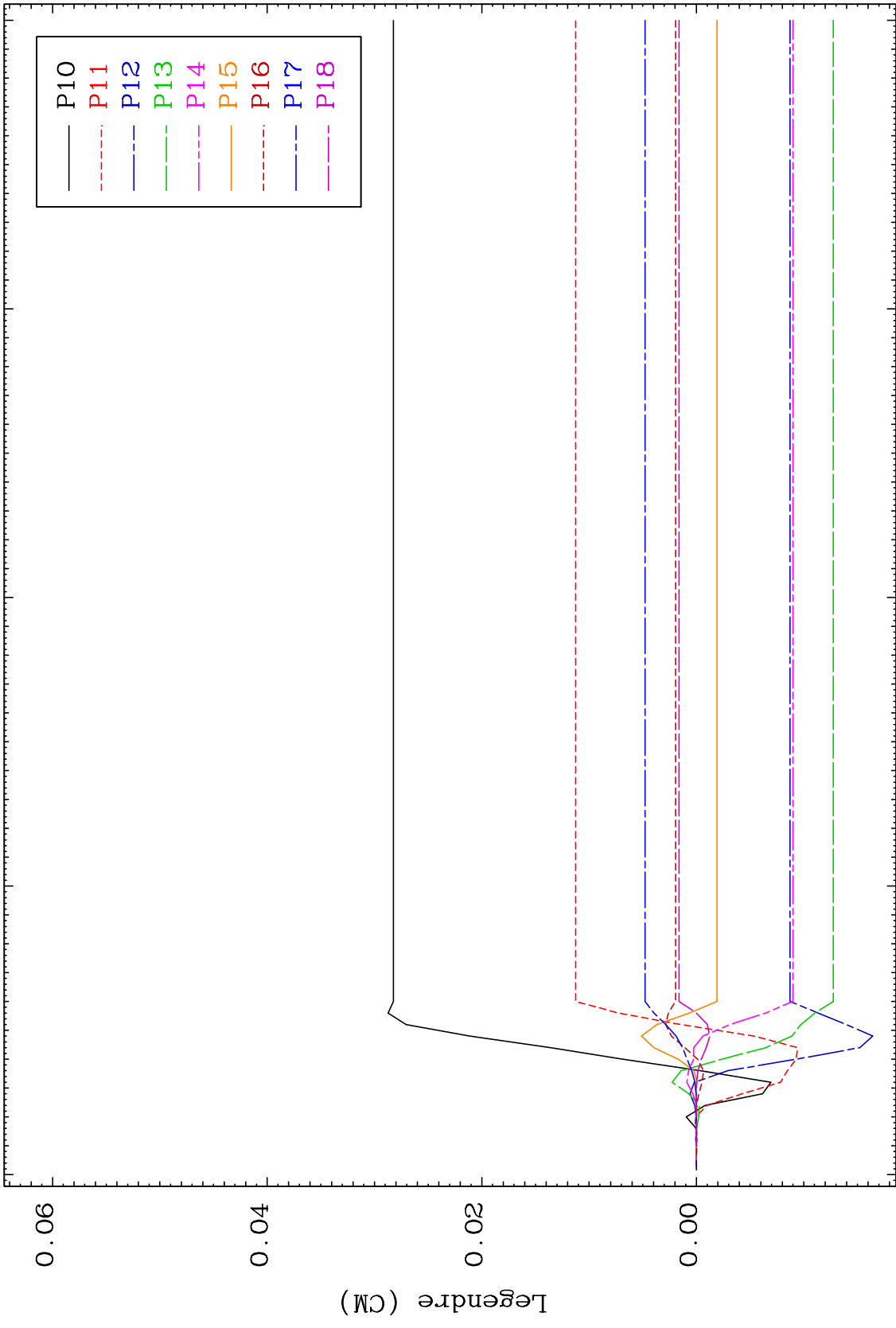


24

Incident Energy (MeV)

80-Hg-189

MAT 8004 MT= 52 (n,n') Level Legendre Coefficients 80-Hg-189

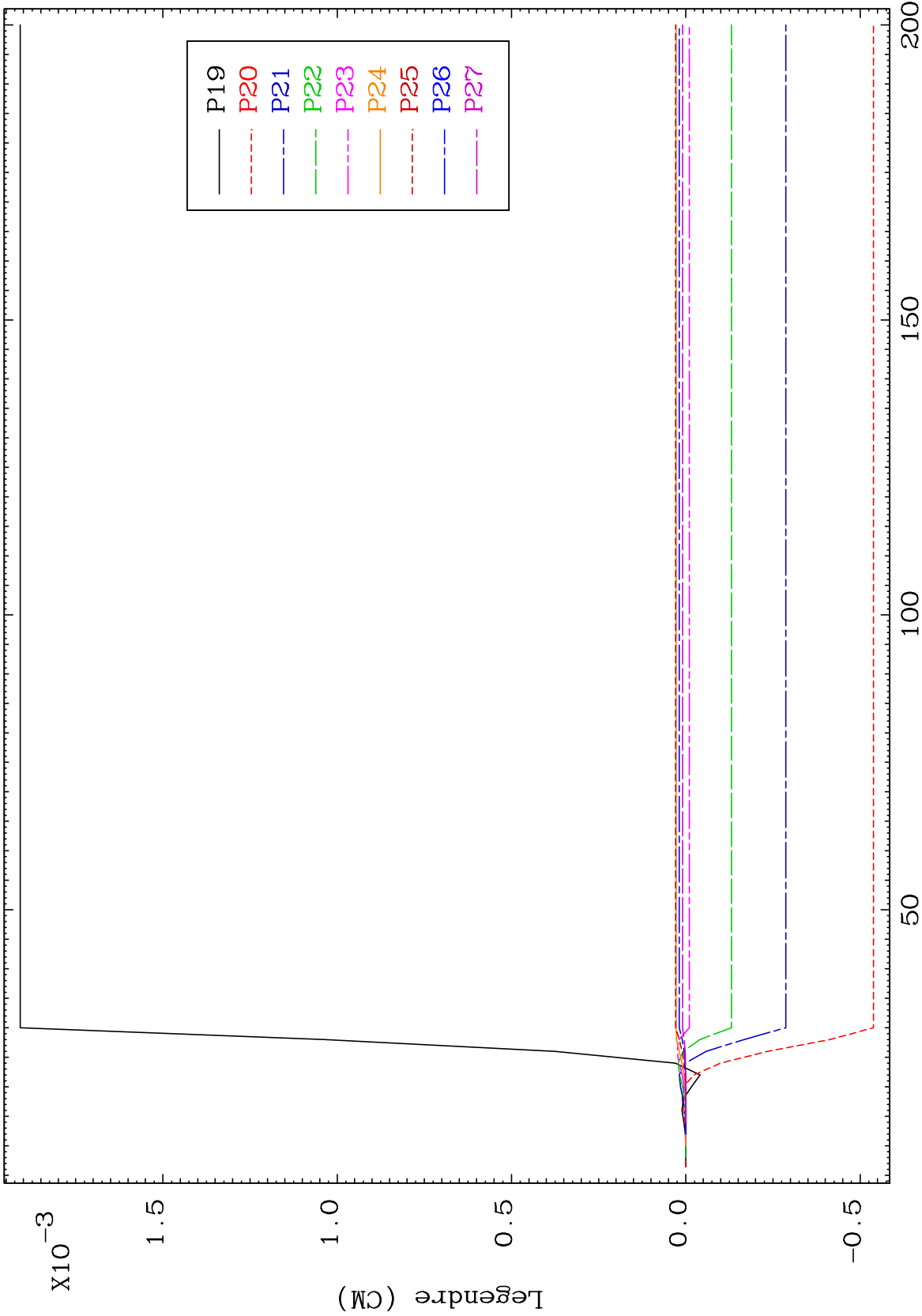


80-Hg-189

MAT 8004

MT= 52 (n,n') Level  
Legendre Coefficients

80-Hg-189



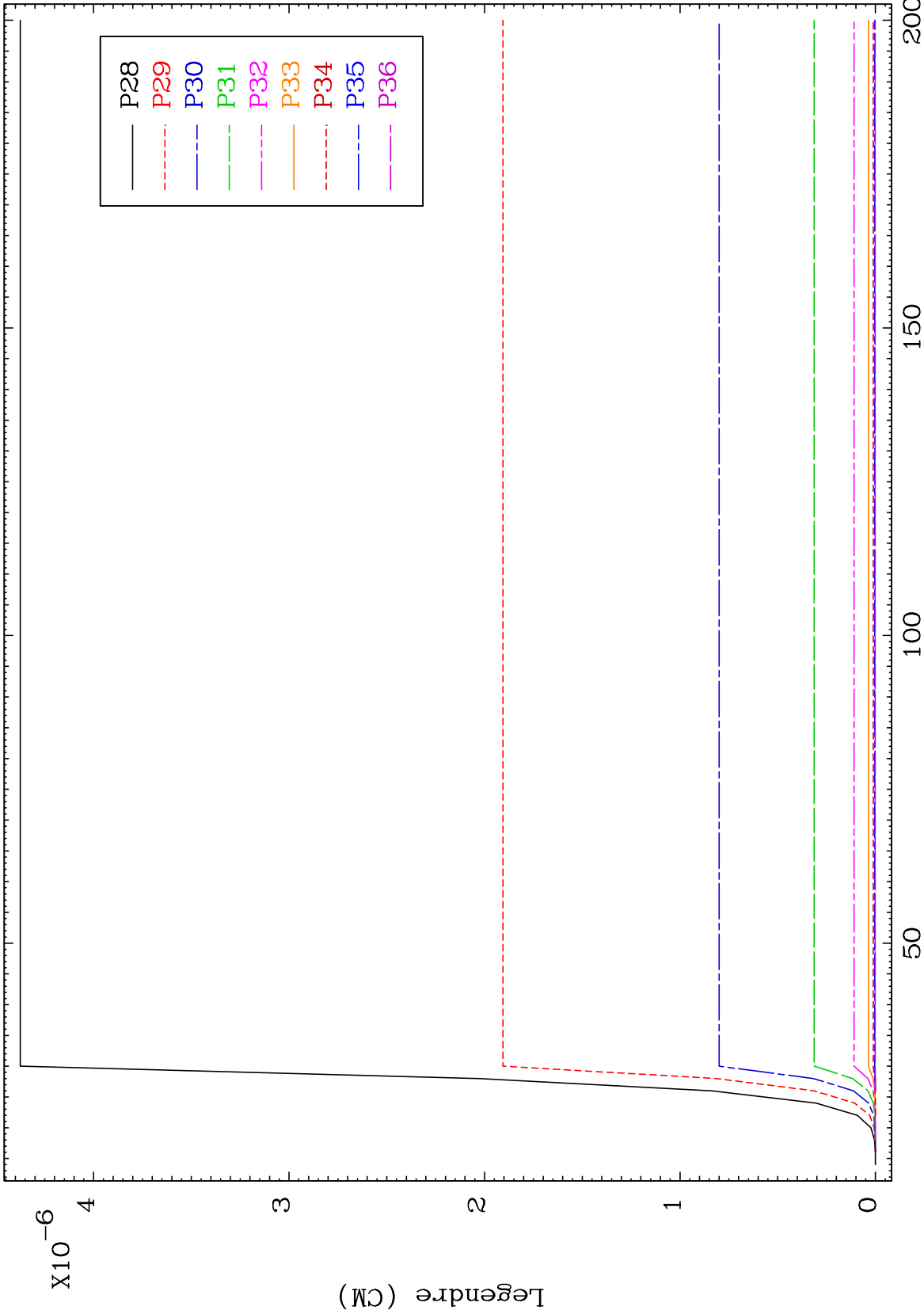
26

80-Hg-189

MAT 8004

MT= 52 (n,n') Level  
Legendre Coefficients

80-Hg-189



27

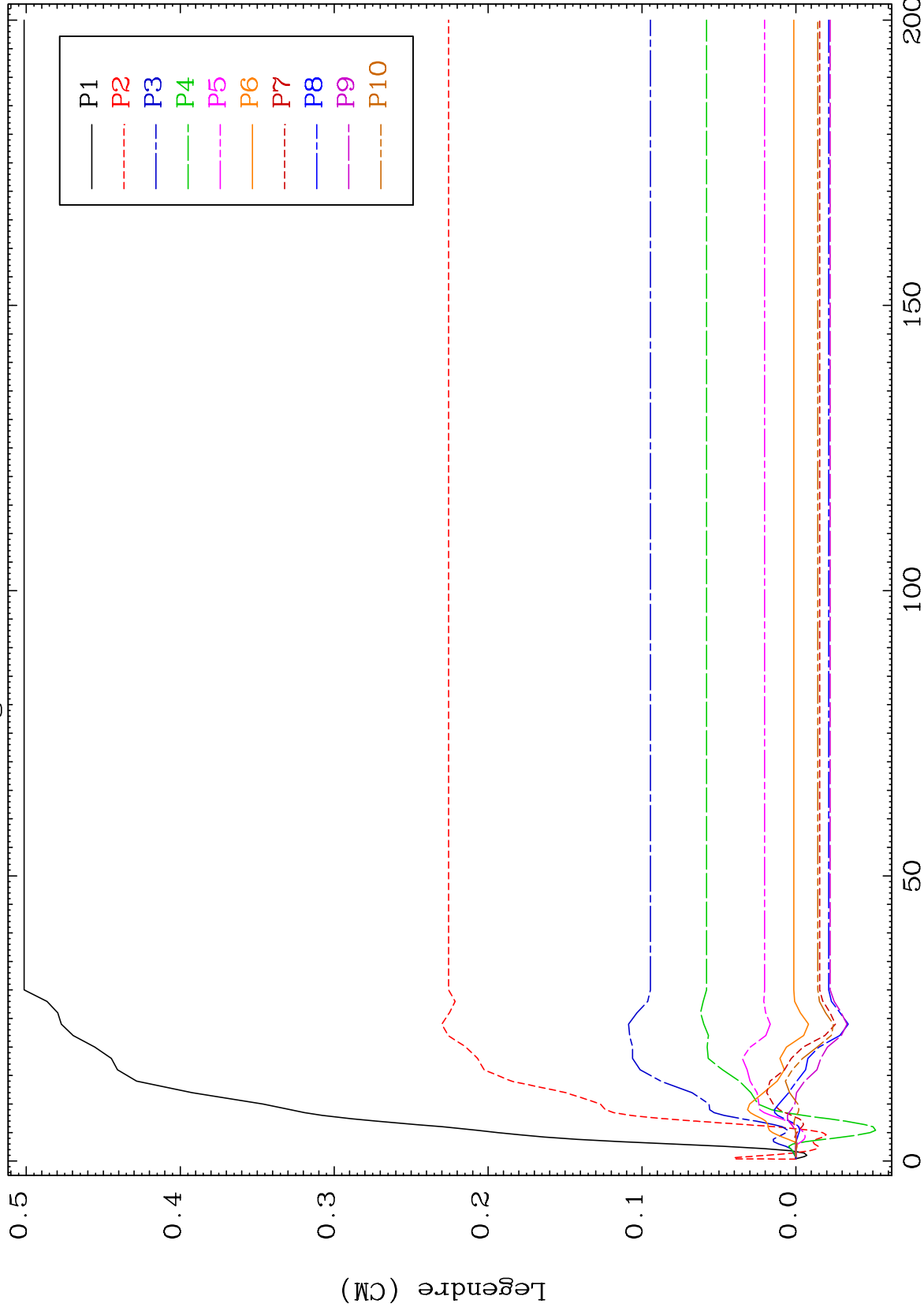
Incident Energy (MeV)

80-Hg-189

MAT 8004

MT= 53 (n,n') Level  
Legendre Coefficients

80-Hg-189



28

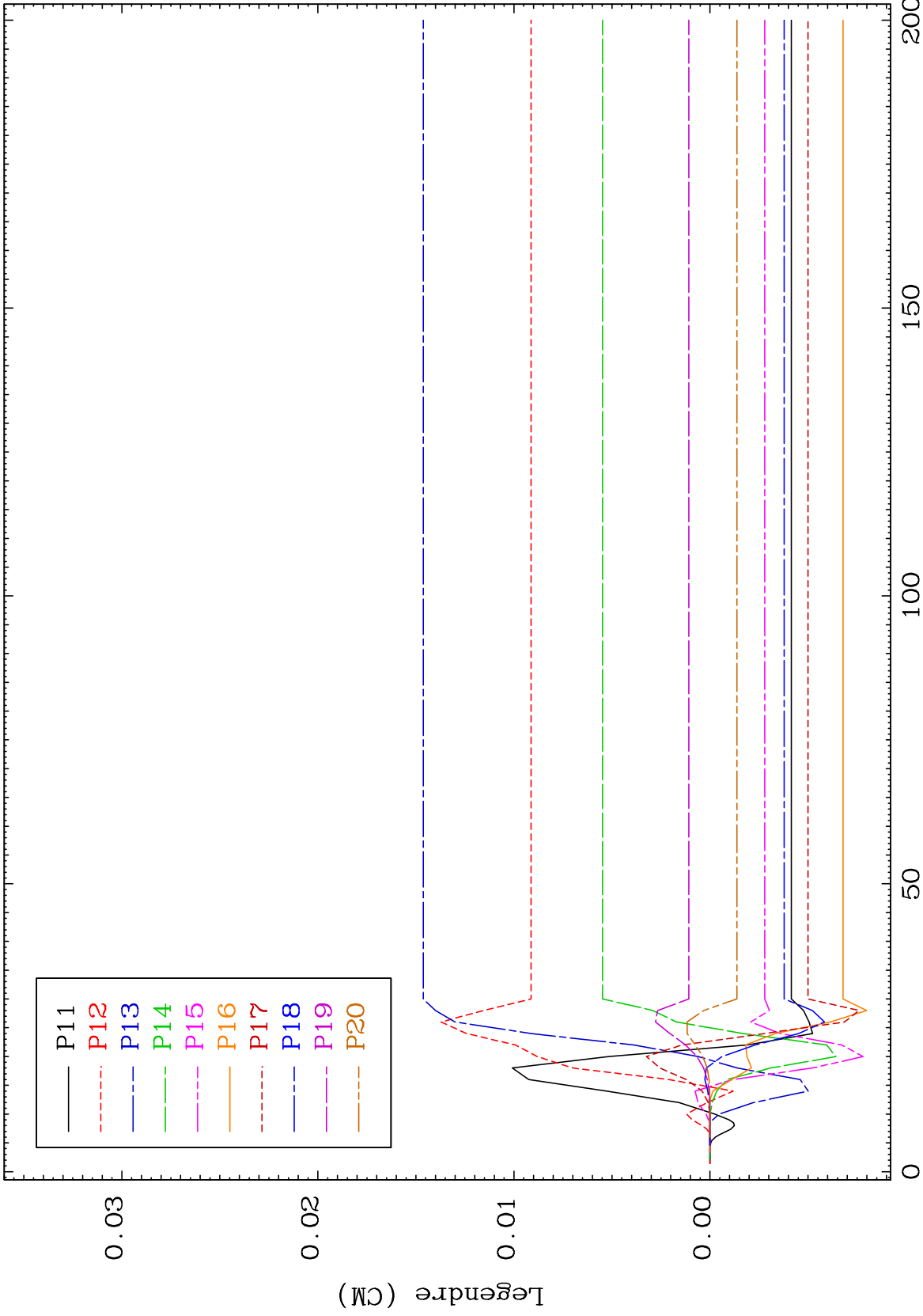
Incident Energy (MeV)

80-Hg-189

MAT 8004

MT= 53 (n,n') Level  
Legendre Coefficients

80-Hg-189



29

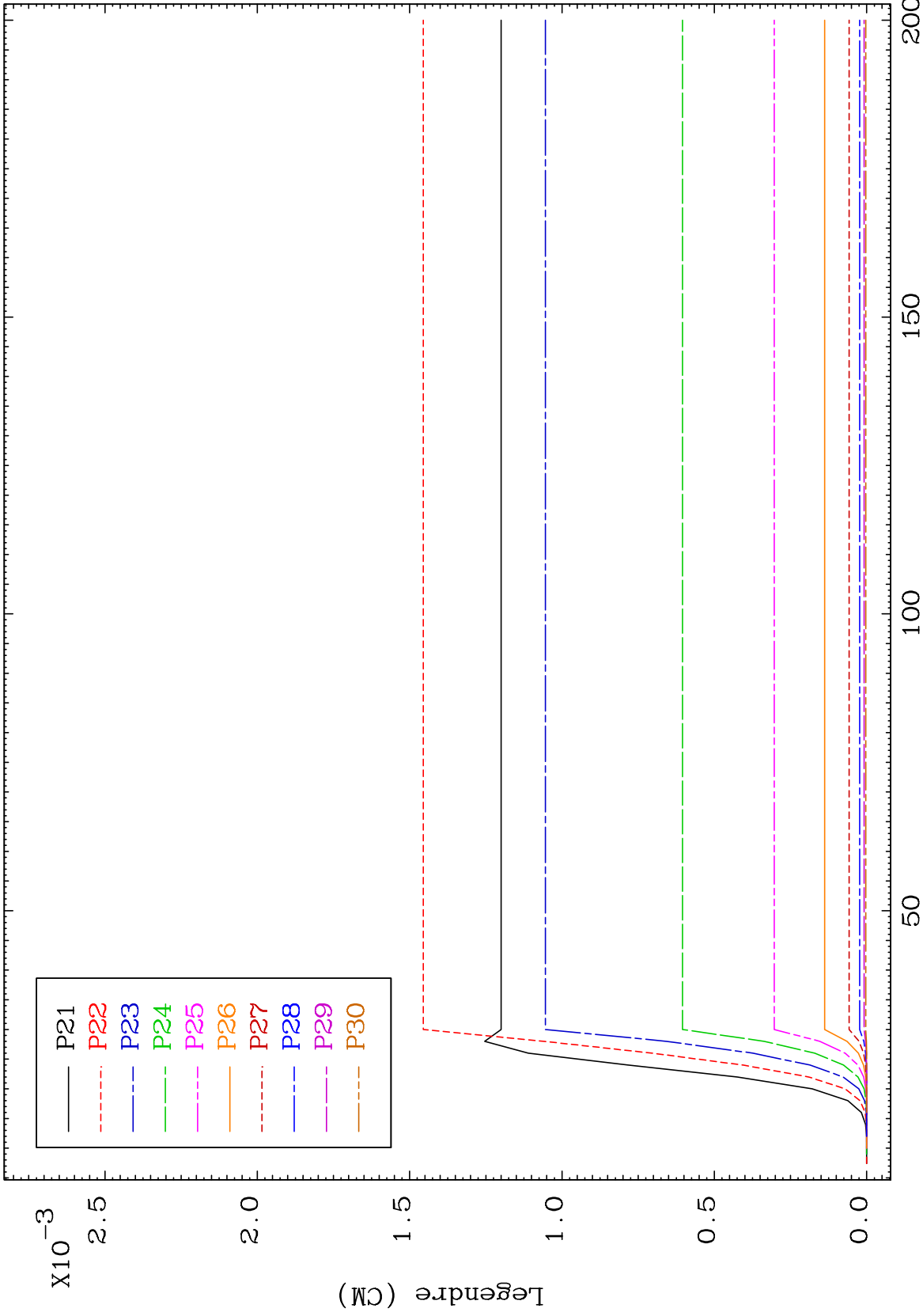
Incident Energy (MeV)

80-Hg-189

MAT 8004

MT= 53 (n,n') Level  
Legendre Coefficients

80-Hg-189



30

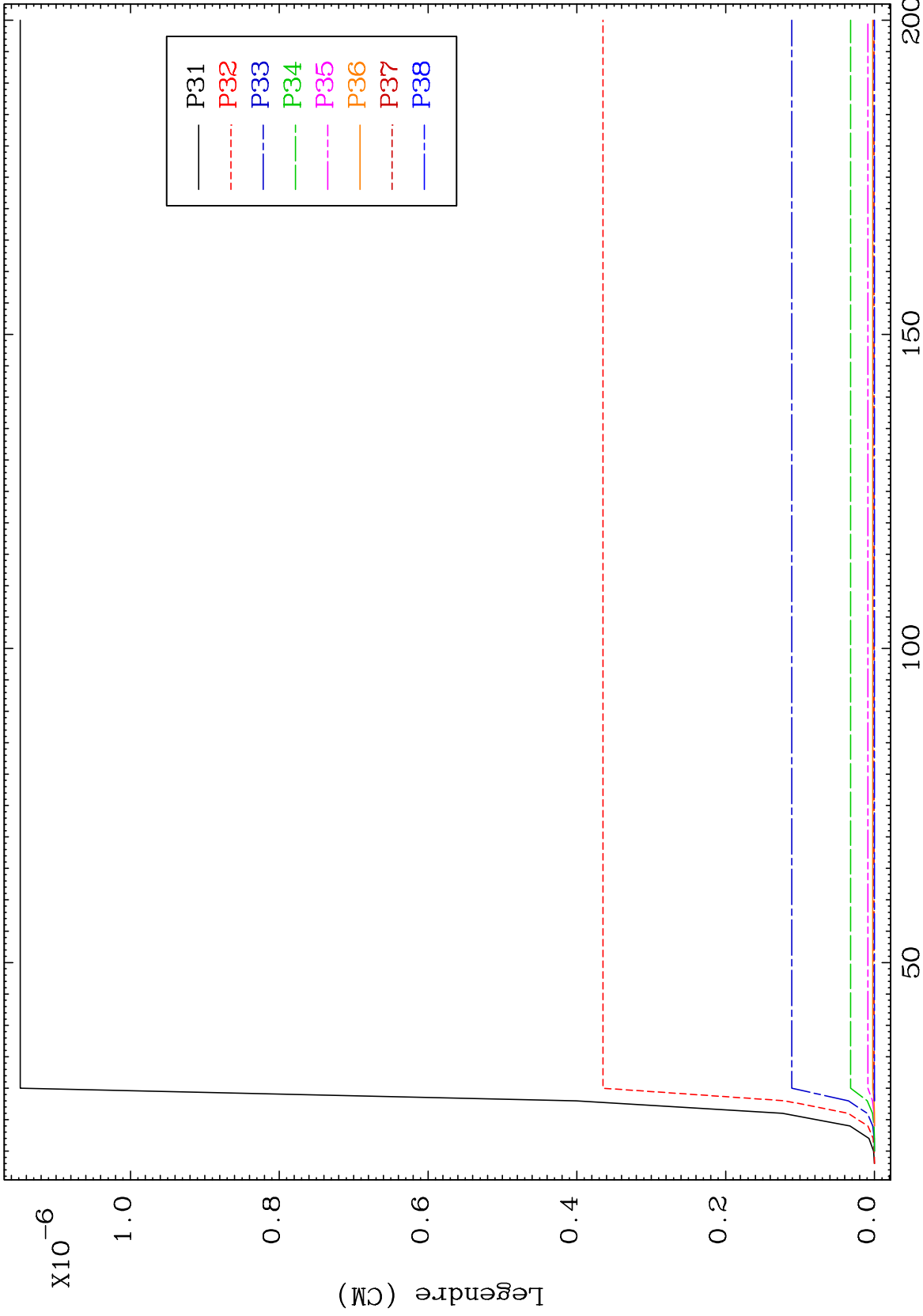
Incident Energy (MeV)

80-Hg-189

MAT 8004

MT= 53 (n,n') Level  
Legendre Coefficients

80-Hg-189

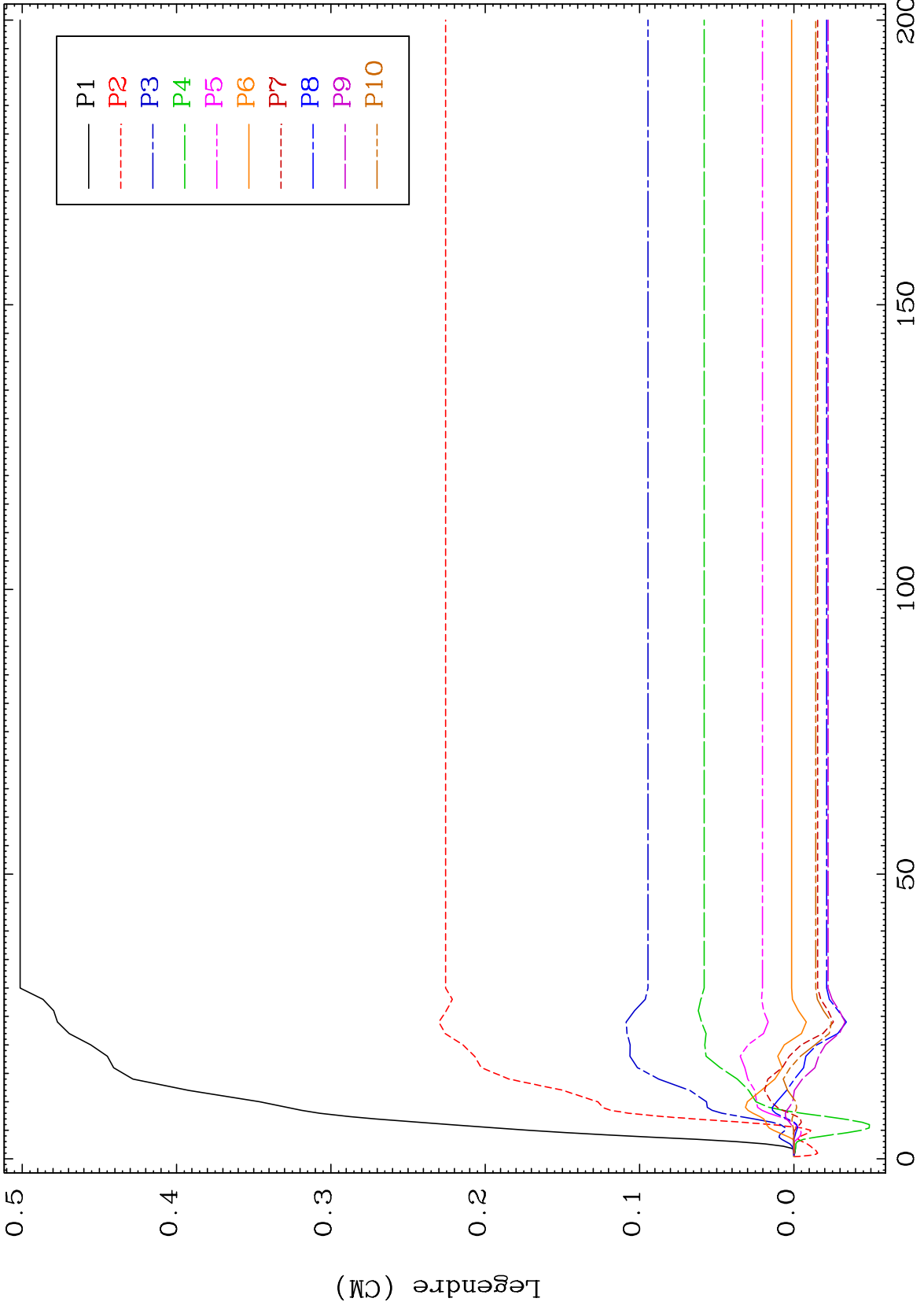


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80-Hg-189



MAT 8004 MT= 54 (n,n') Level Legendre Coefficients 80-Hg-189

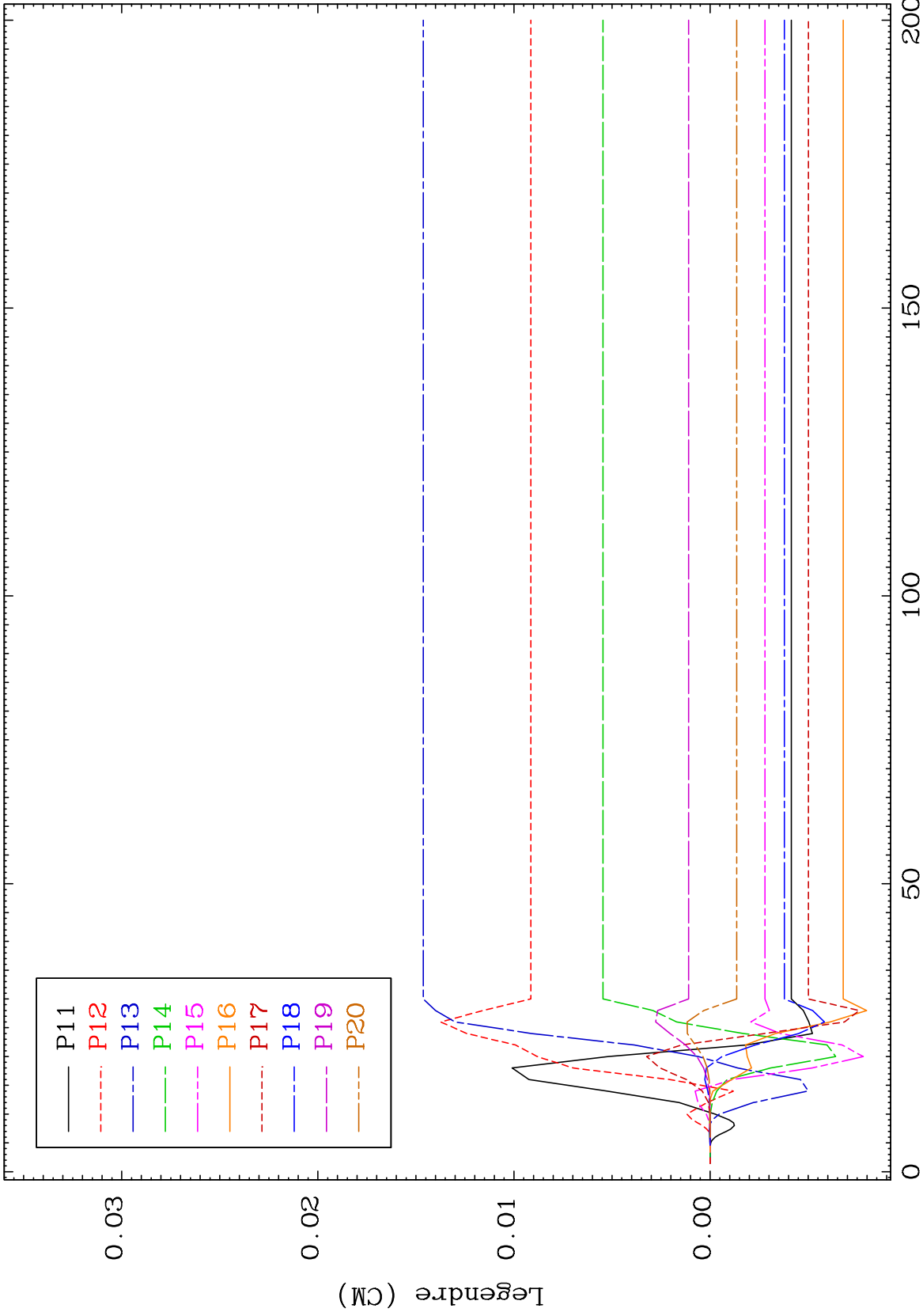


32 80-Hg-189

MAT 8004

MT= 54 (n,n') Level  
Legendre Coefficients

80-Hg-189



33

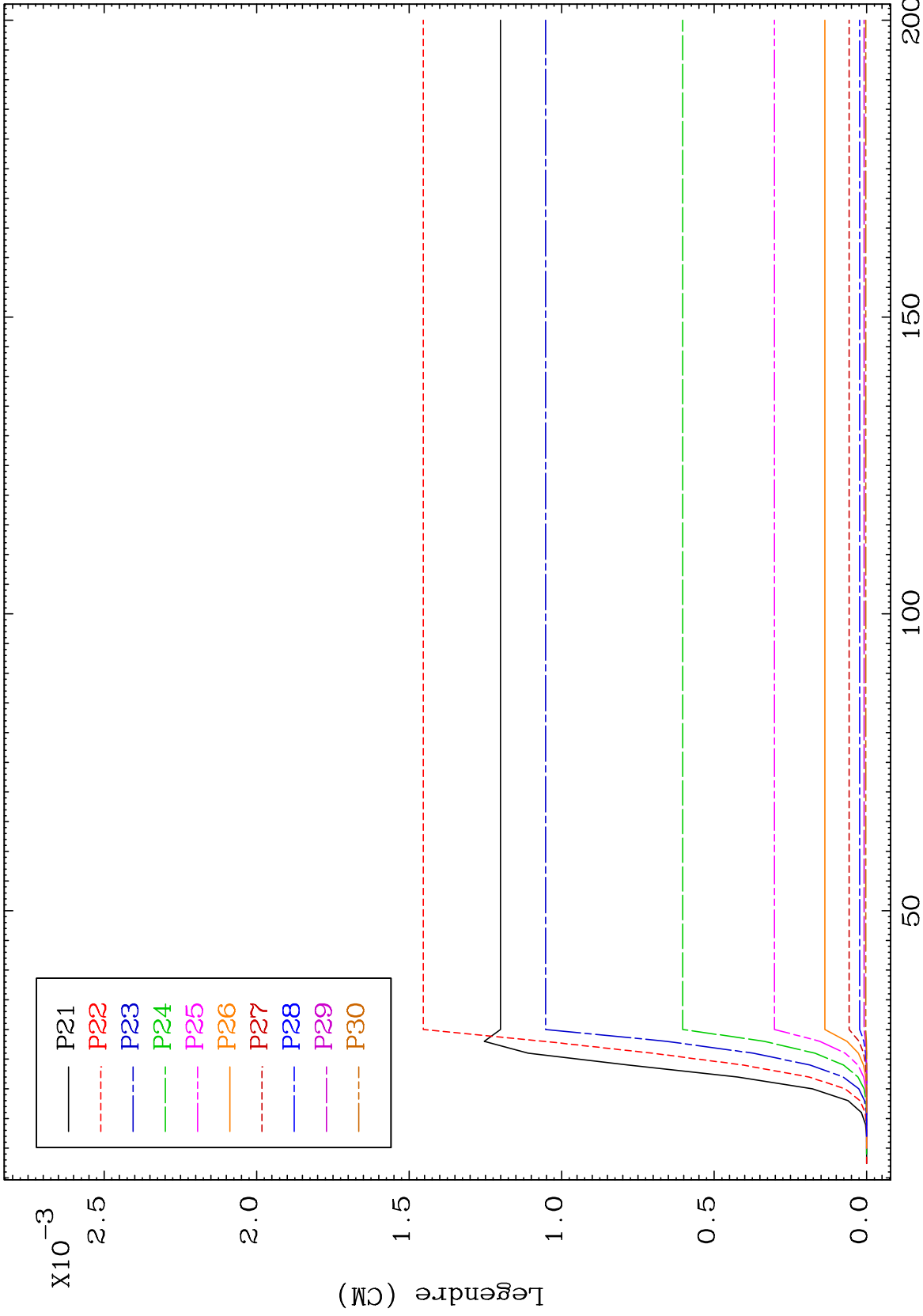
Incident Energy (MeV)

80-Hg-189

MAT 8004

MT= 54 (n,n') Level  
Legendre Coefficients

80-Hg-189



34

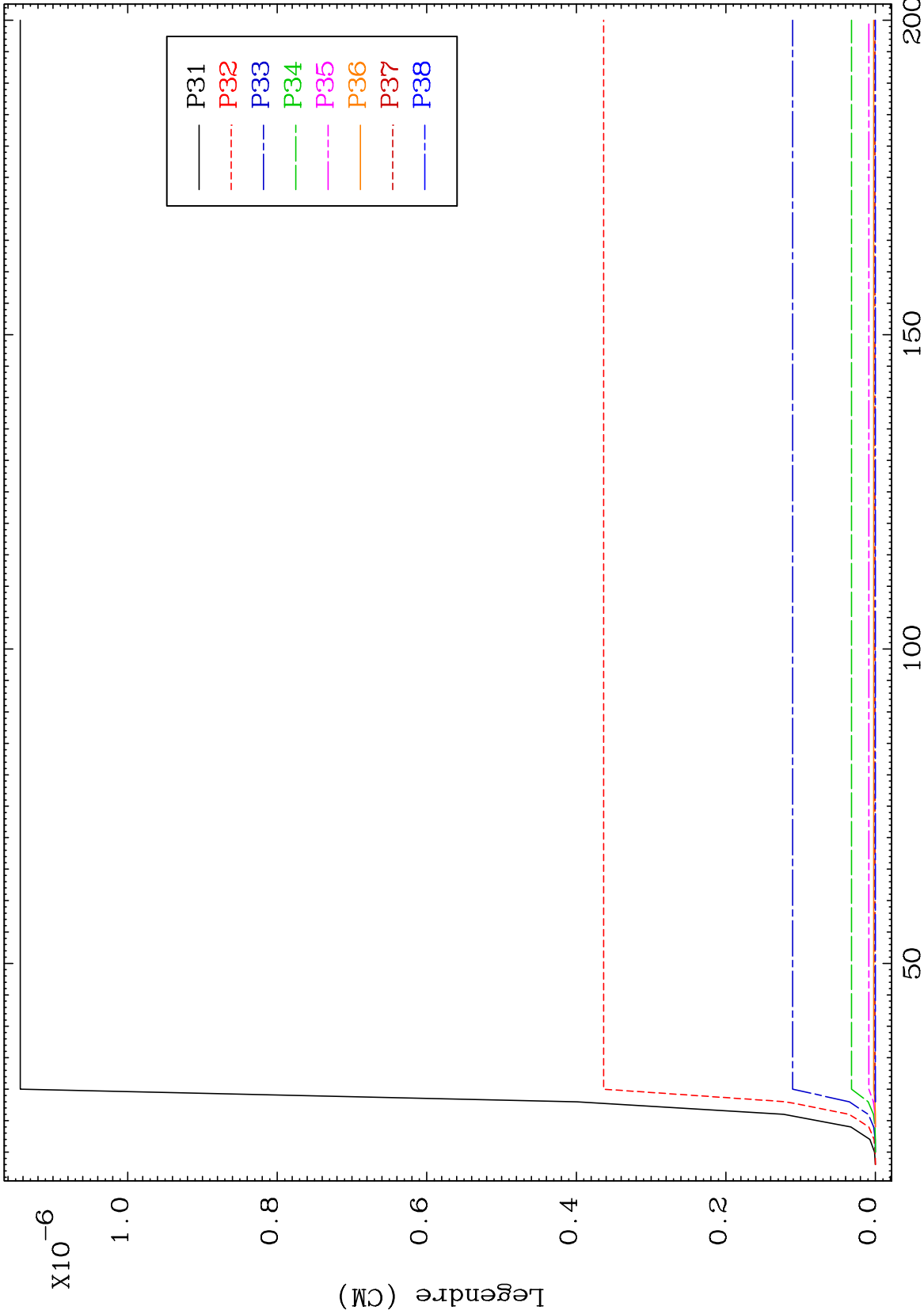
Incident Energy (MeV)

80-Hg-189

MAT 8004

MT= 54 (n,n') Level  
Legendre Coefficients

80-Hg-189

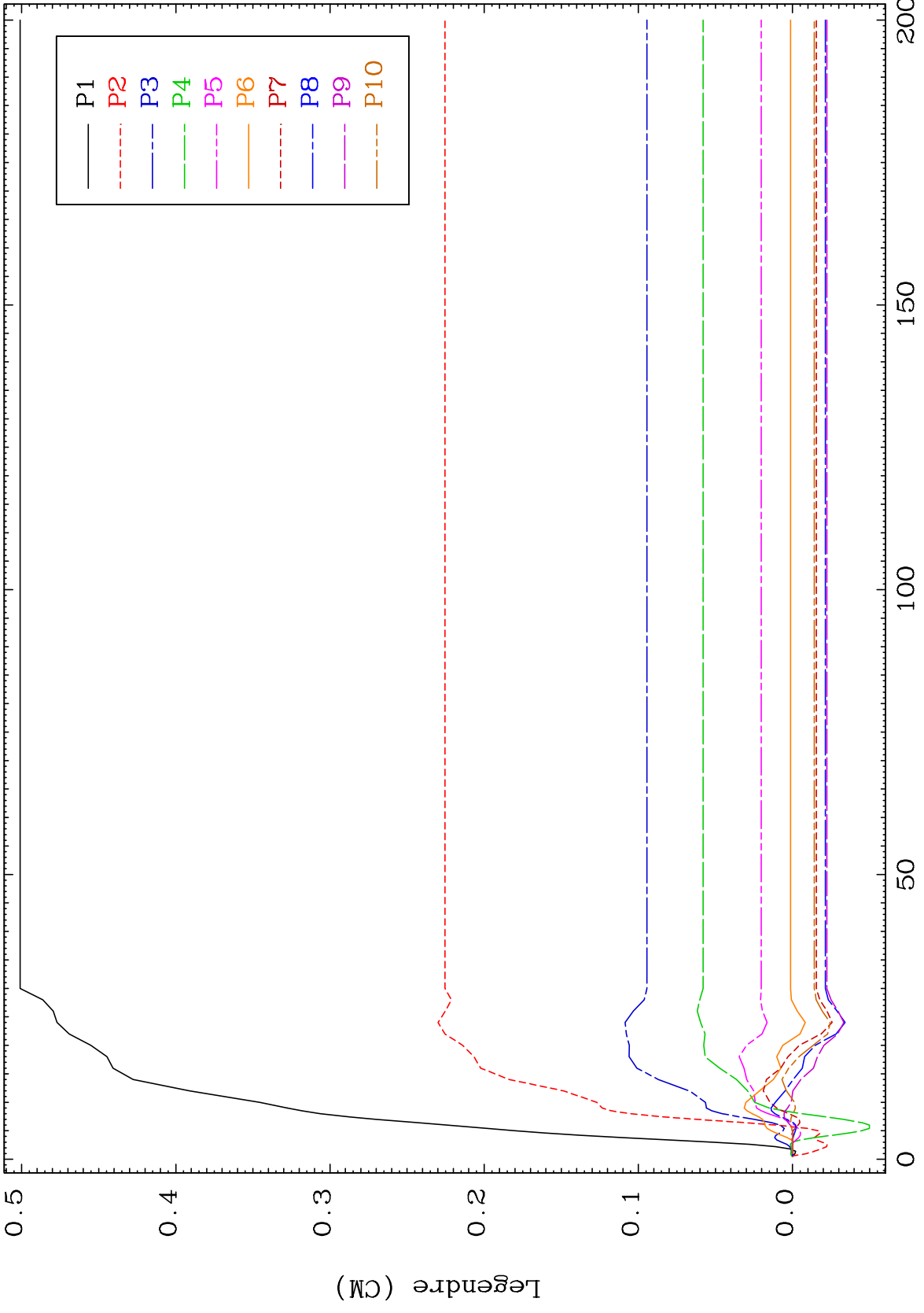


35

Incident Energy (MeV)

80-Hg-189

MAT 8004 MT= 55 (n,n') Level Legendre Coefficients 80-Hg-189

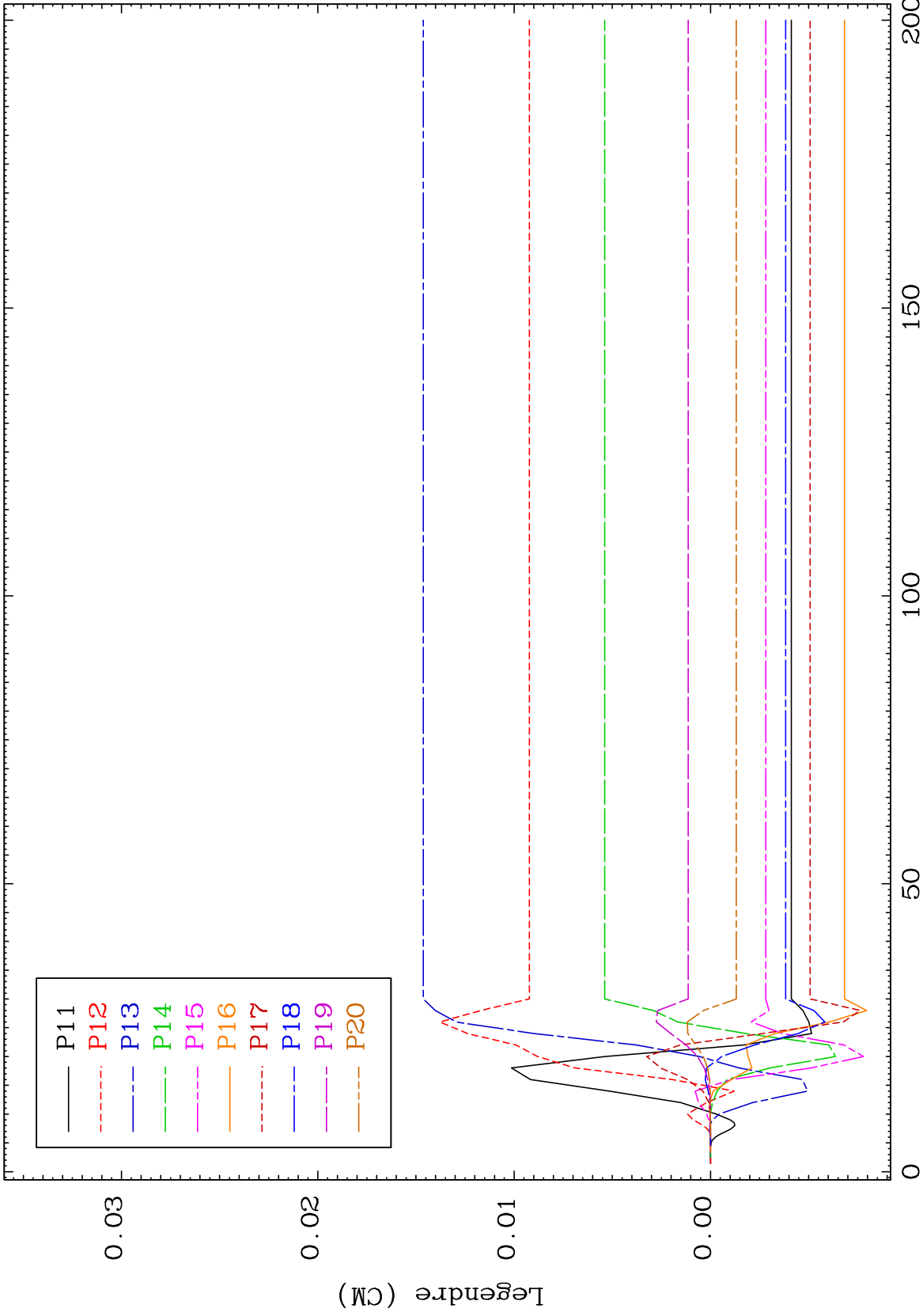


36 80-Hg-189

MAT 8004

MT= 55 (n,n') Level  
Legendre Coefficients

80-Hg-189



37

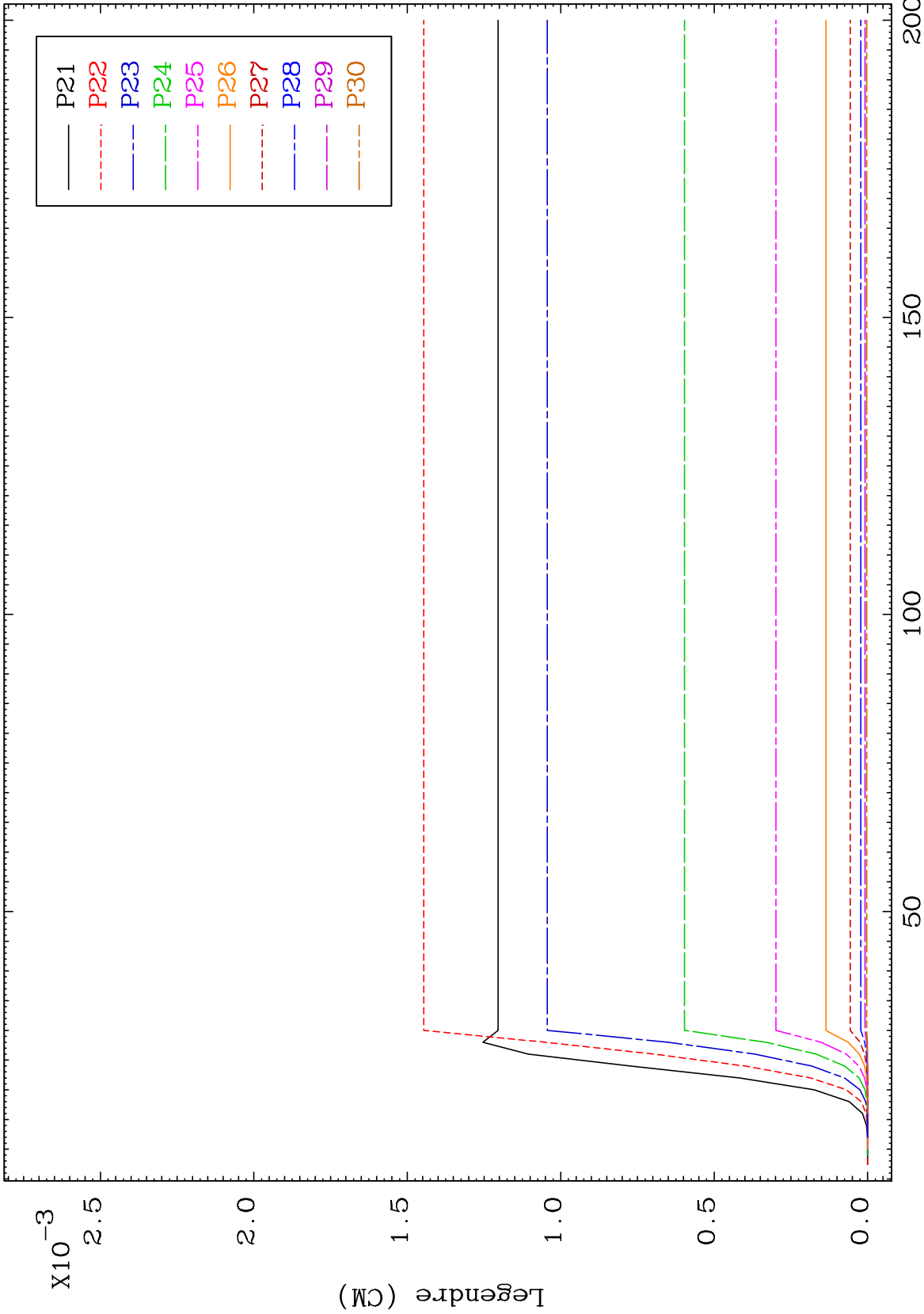
Incident Energy (MeV)

80-Hg-189

MAT 8004

MT= 55 (n,n') Level  
Legendre Coefficients

80-Hg-189



38

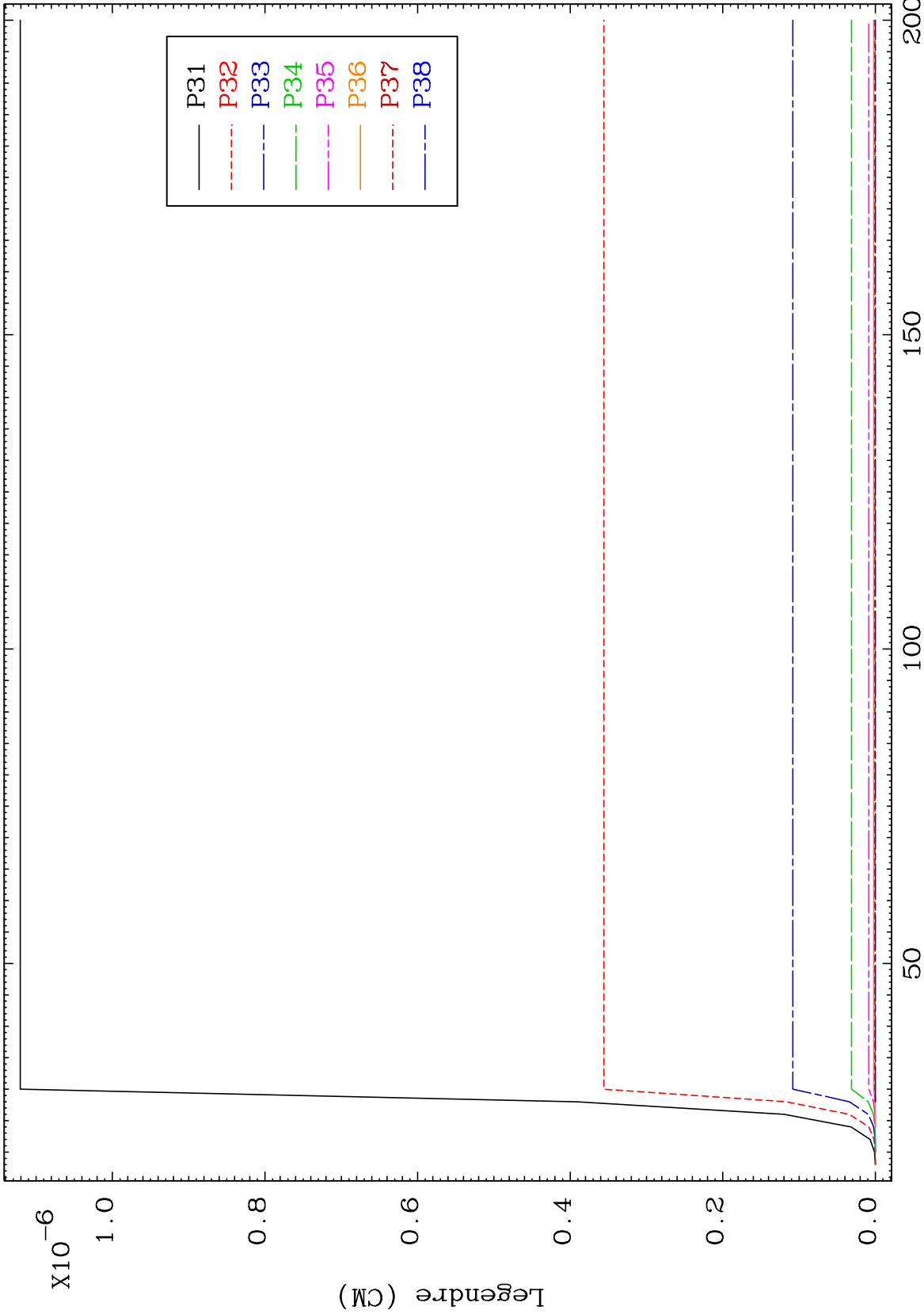
Incident Energy (MeV)

80-Hg-189

MAT 8004

MT= 55 (n,n') Level  
Legendre Coefficients

80-Hg-189

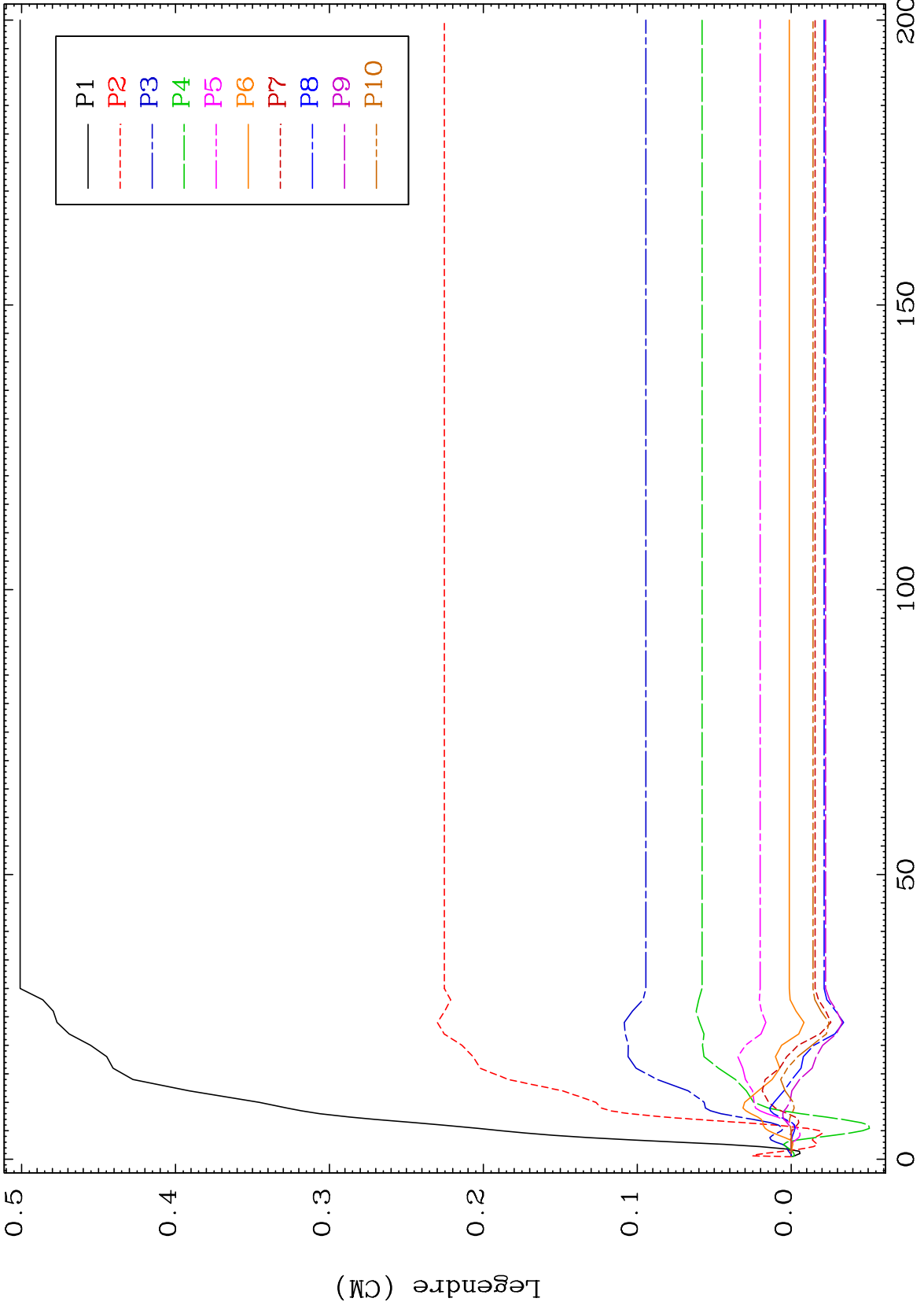


39

80-Hg-189



MAT 8004 MT= 56 (n,n') Level Legendre Coefficients 80-Hg-189

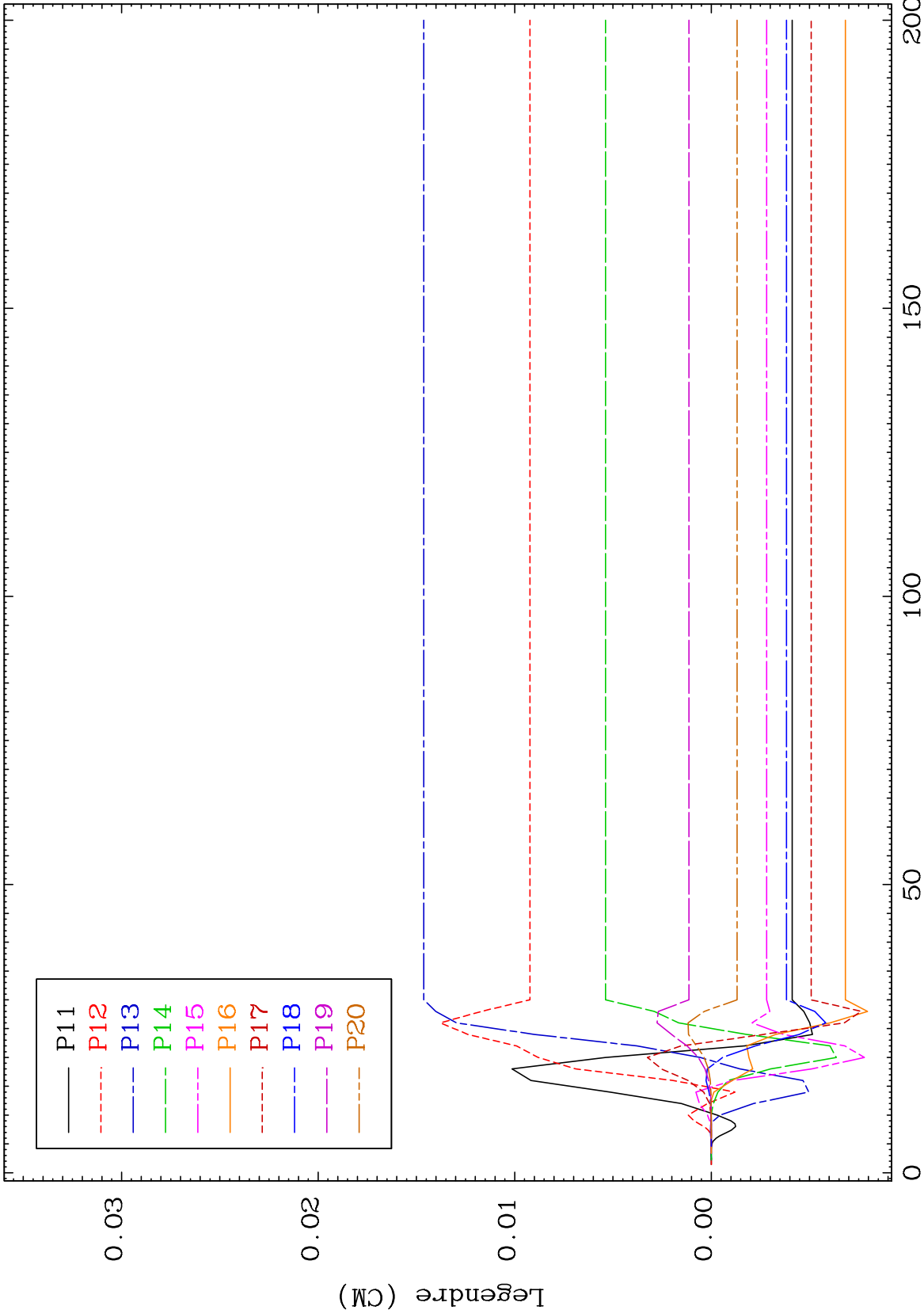


80-Hg-189

MAT 8004

MT= 56 (n,n') Level  
Legendre Coefficients

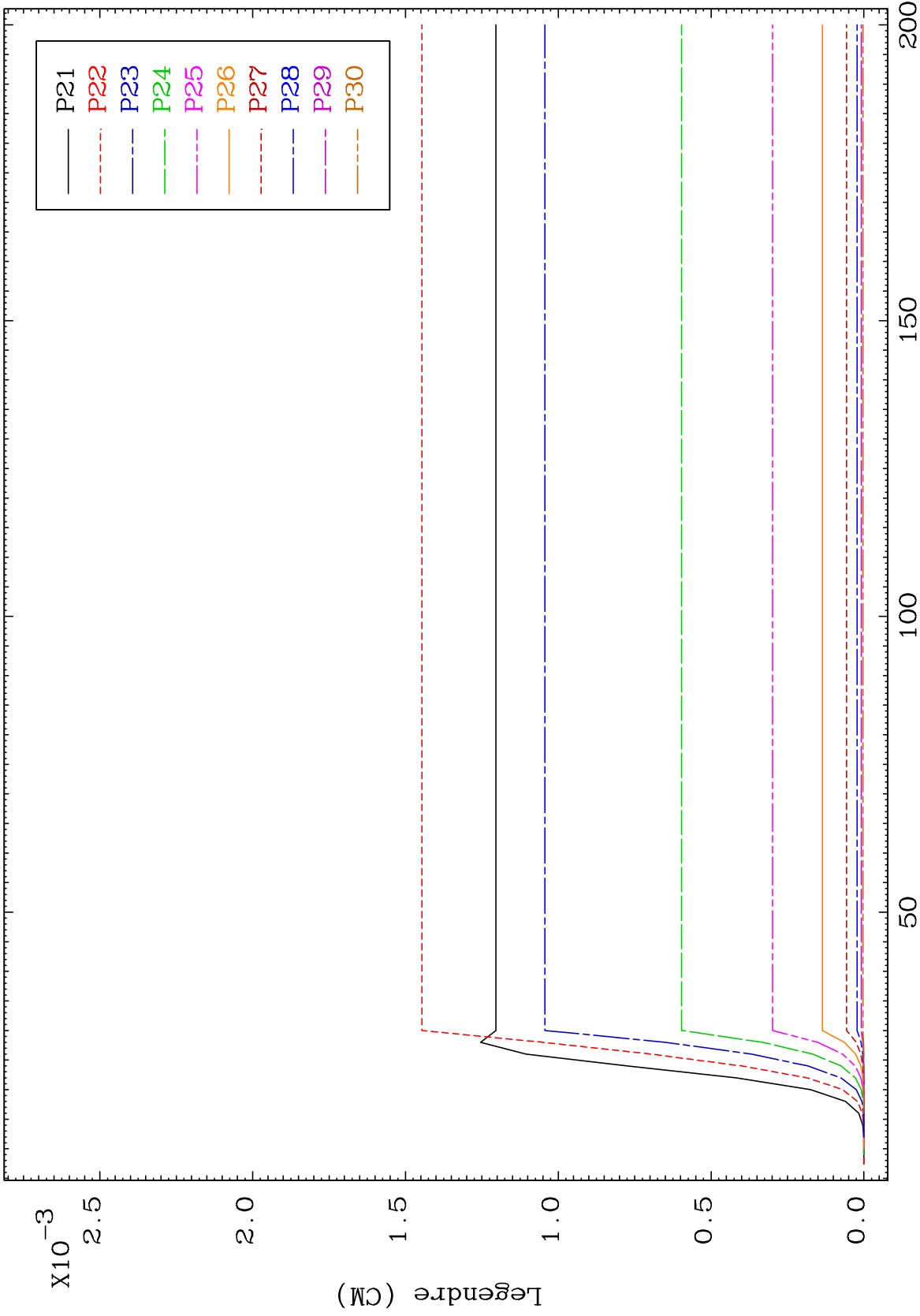
80-Hg-189



MAT 8004

MT= 56 (n,n') Level  
Legendre Coefficients

80-Hg-189



42

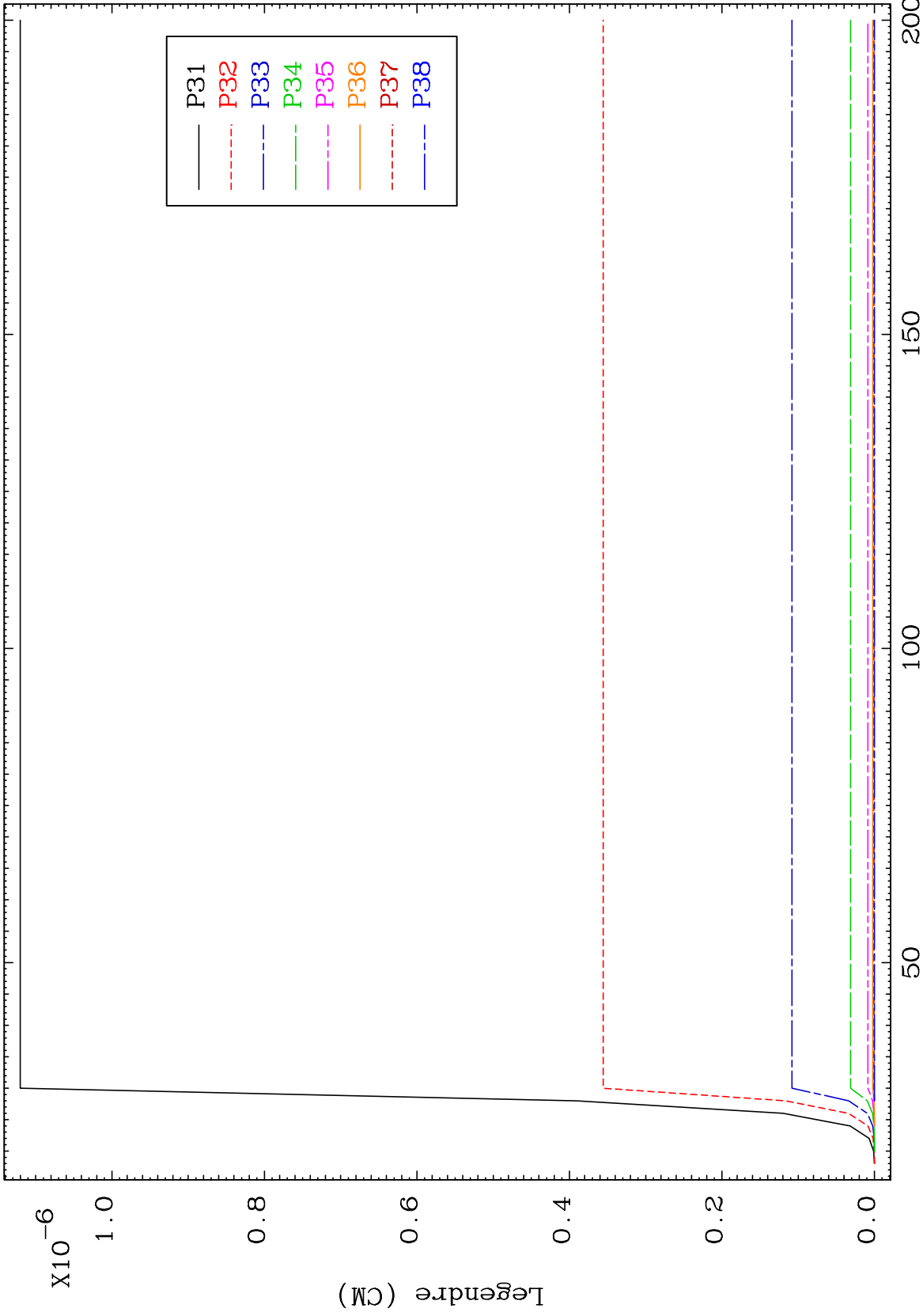
Incident Energy (MeV)

80-Hg-189

MAT 8004

MT= 56 (n,n') Level  
Legendre Coefficients

80-Hg-189



43

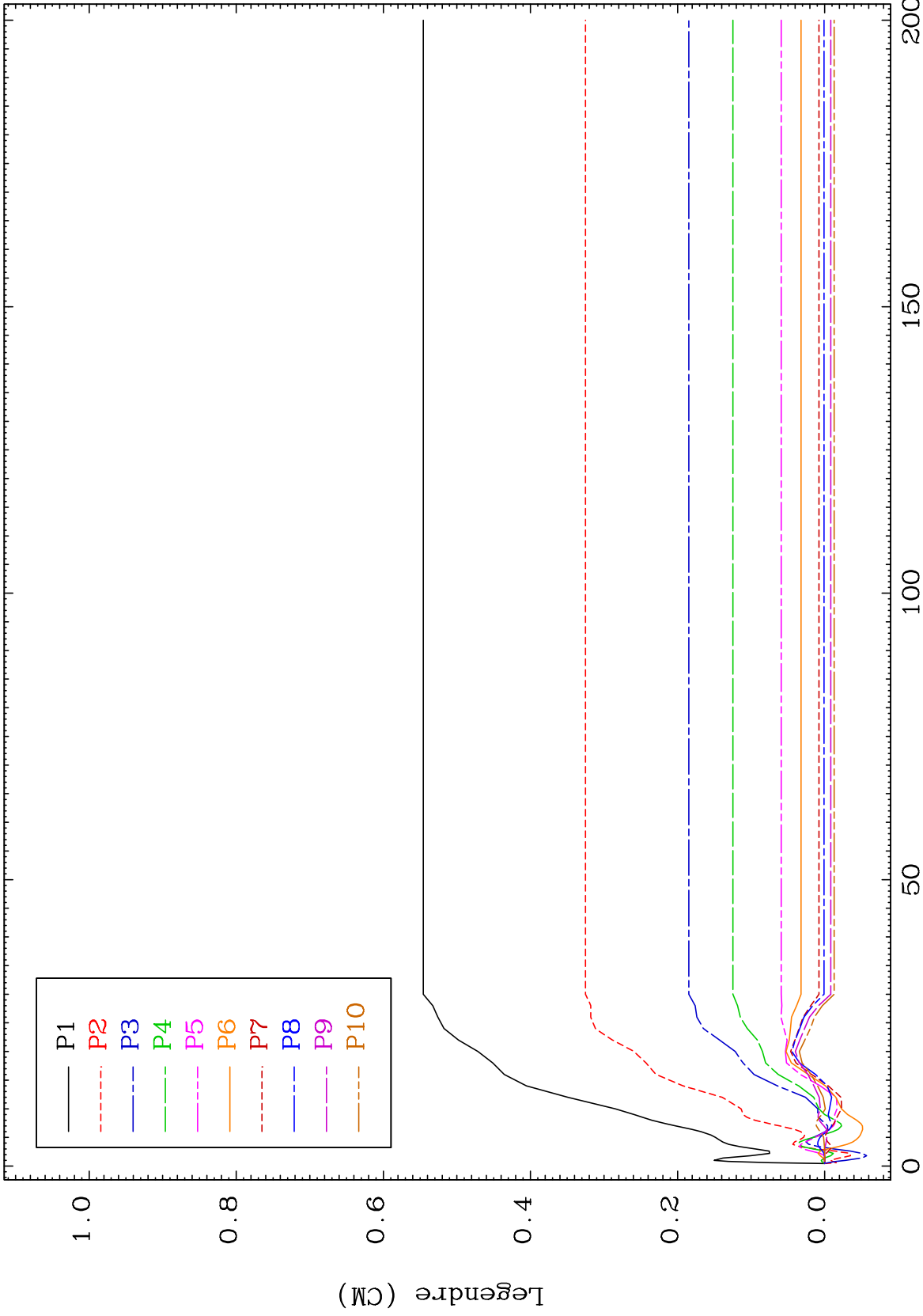
Incident Energy (MeV)

80-Hg-189

MAT 8004

MT= 57 (n,n') Level  
Legendre Coefficients

80-Hg-189



44

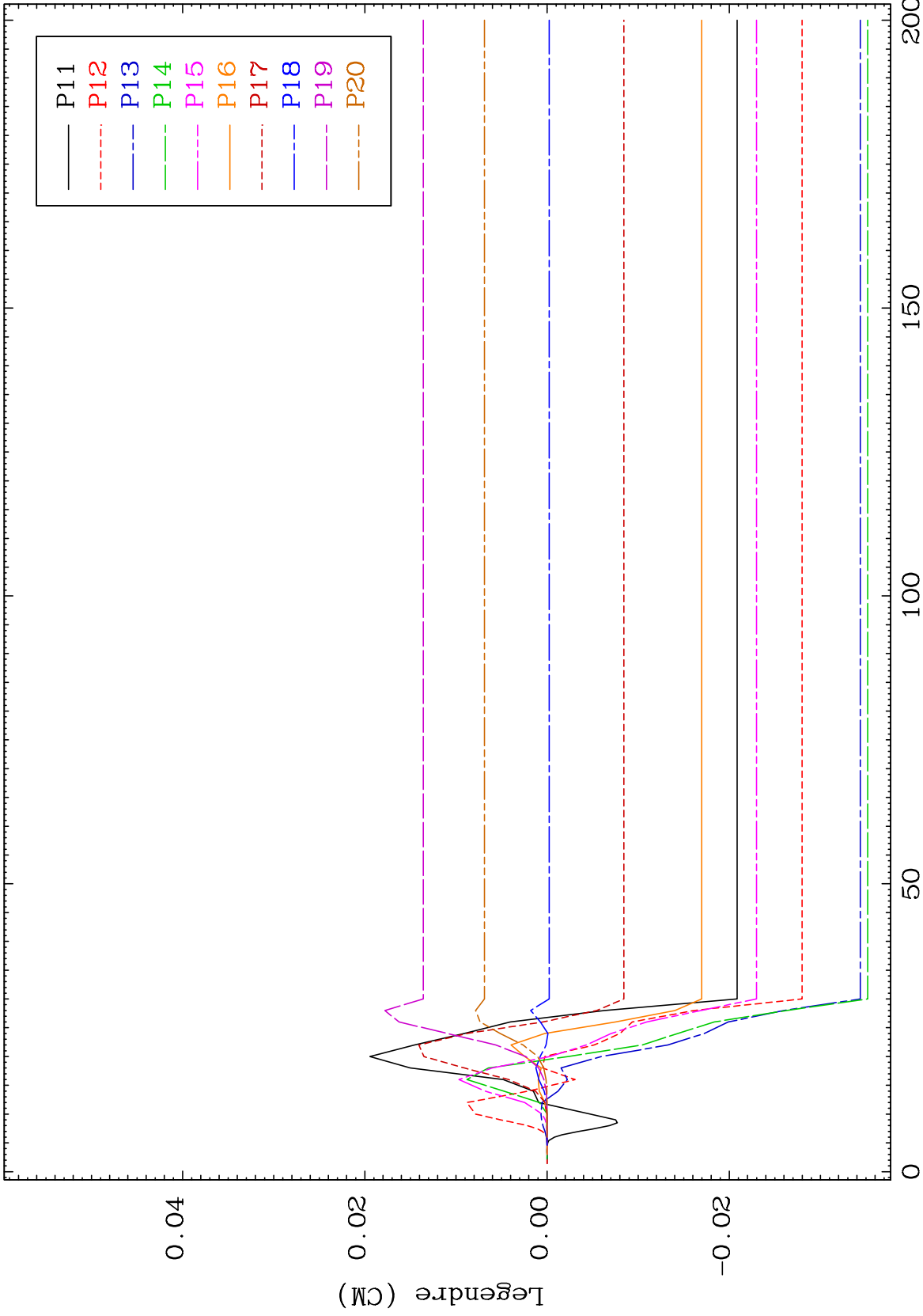
Incident Energy (MeV)

80-Hg-189

MAT 8004

MT= 57 (n,n') Level  
Legendre Coefficients

80-Hg-189



45

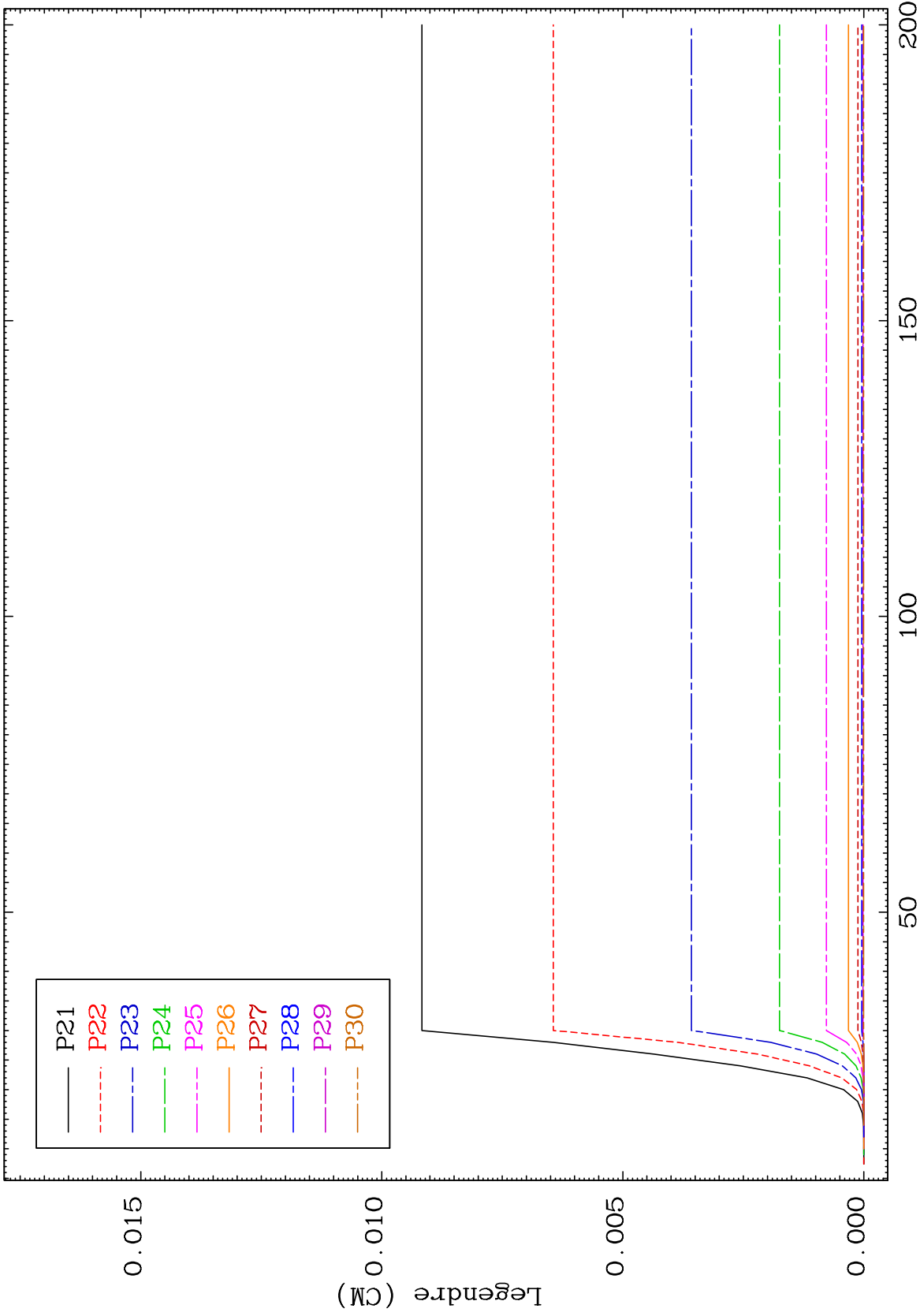
Incident Energy (MeV)

80-Hg-189

MAT 8004

MT= 57 (n,n') Level  
Legendre Coefficients

80-Hg-189



46

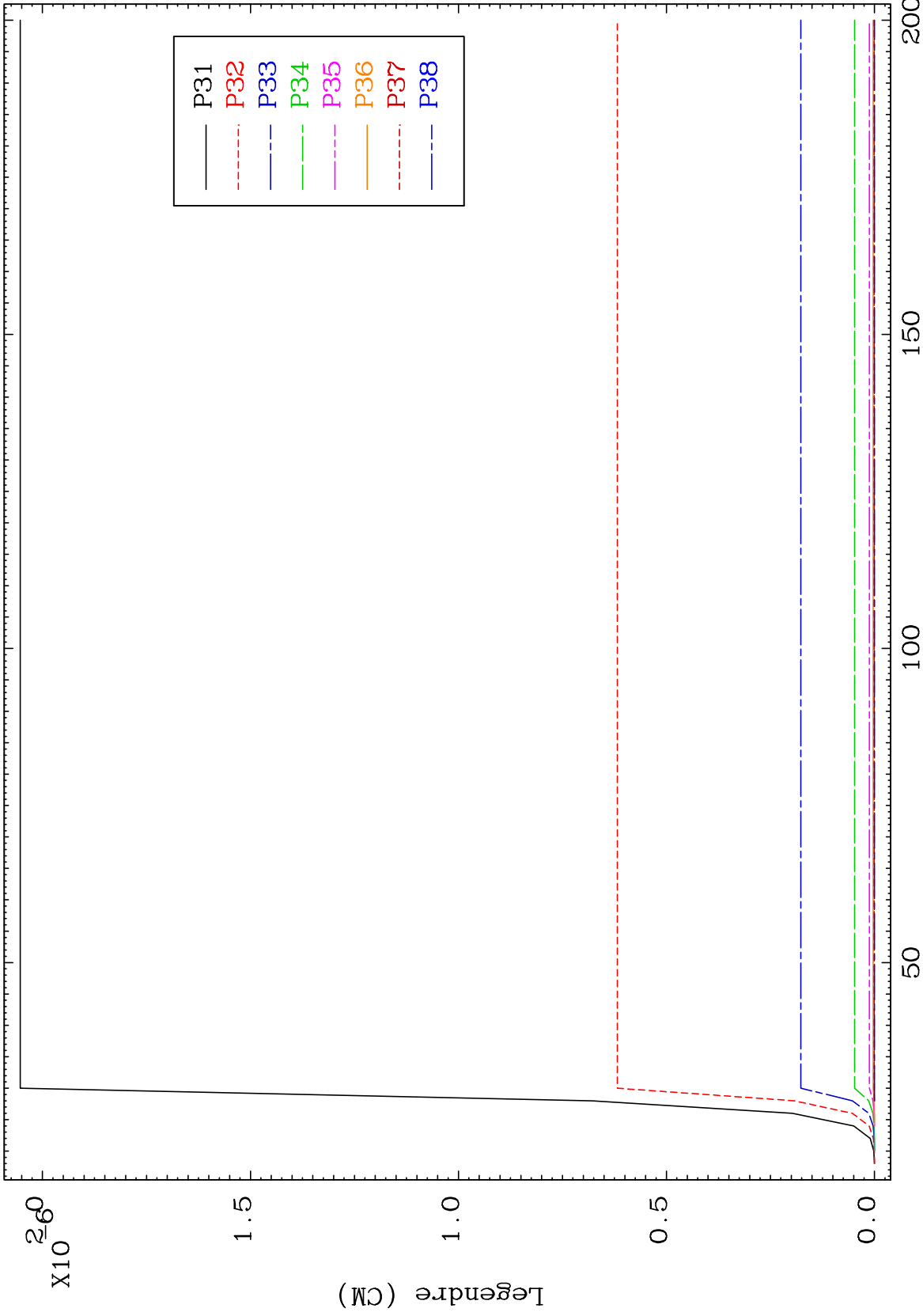
Incident Energy (MeV)

80-Hg-189

MAT 8004

MT= 57 (n,n') Level  
Legendre Coefficients

80-Hg-189



47

Incident Energy (MeV)

80-Hg-189

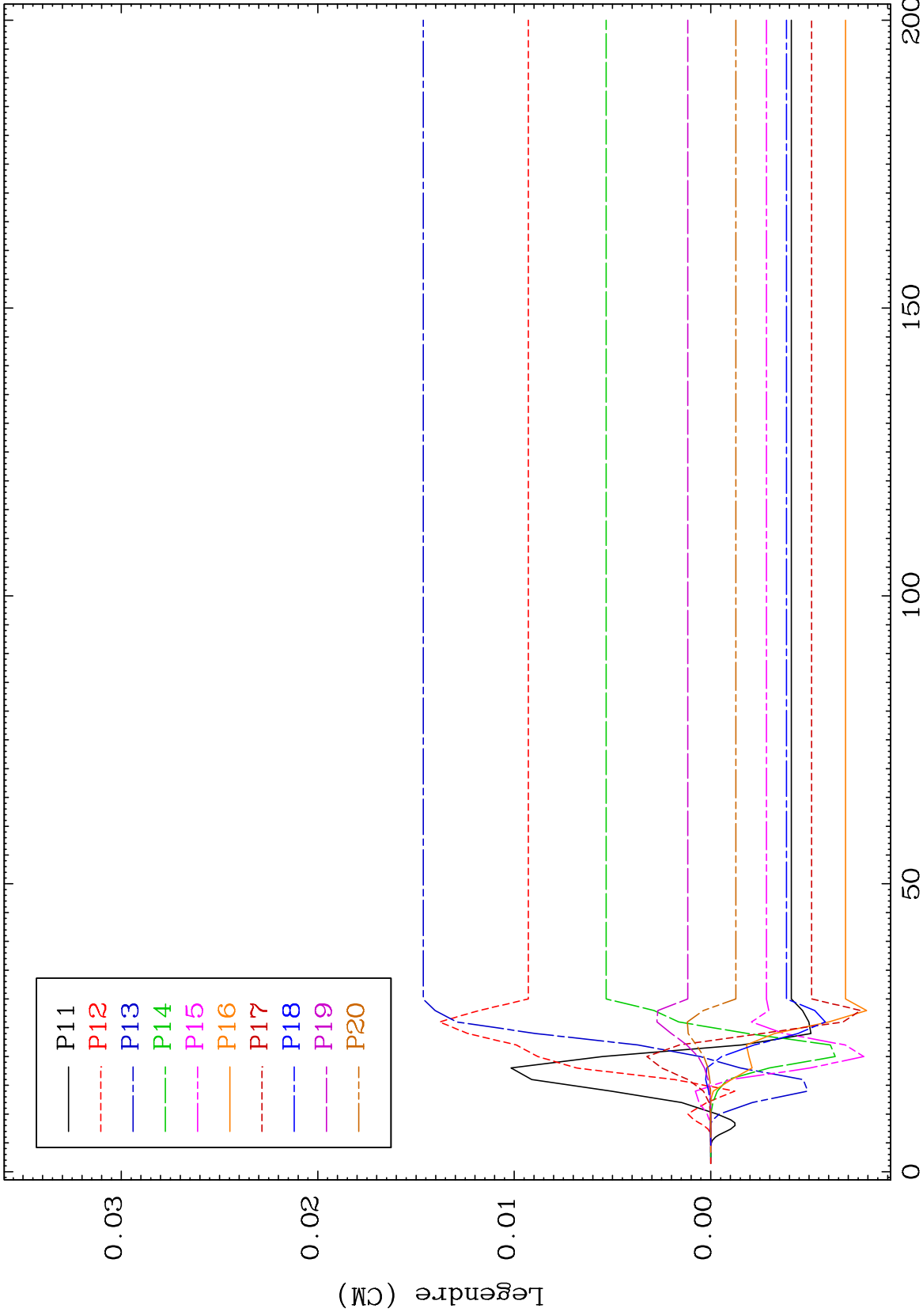




MAT 8004

MT= 58 (n,n') Level  
Legendre Coefficients

80-Hg-189



49

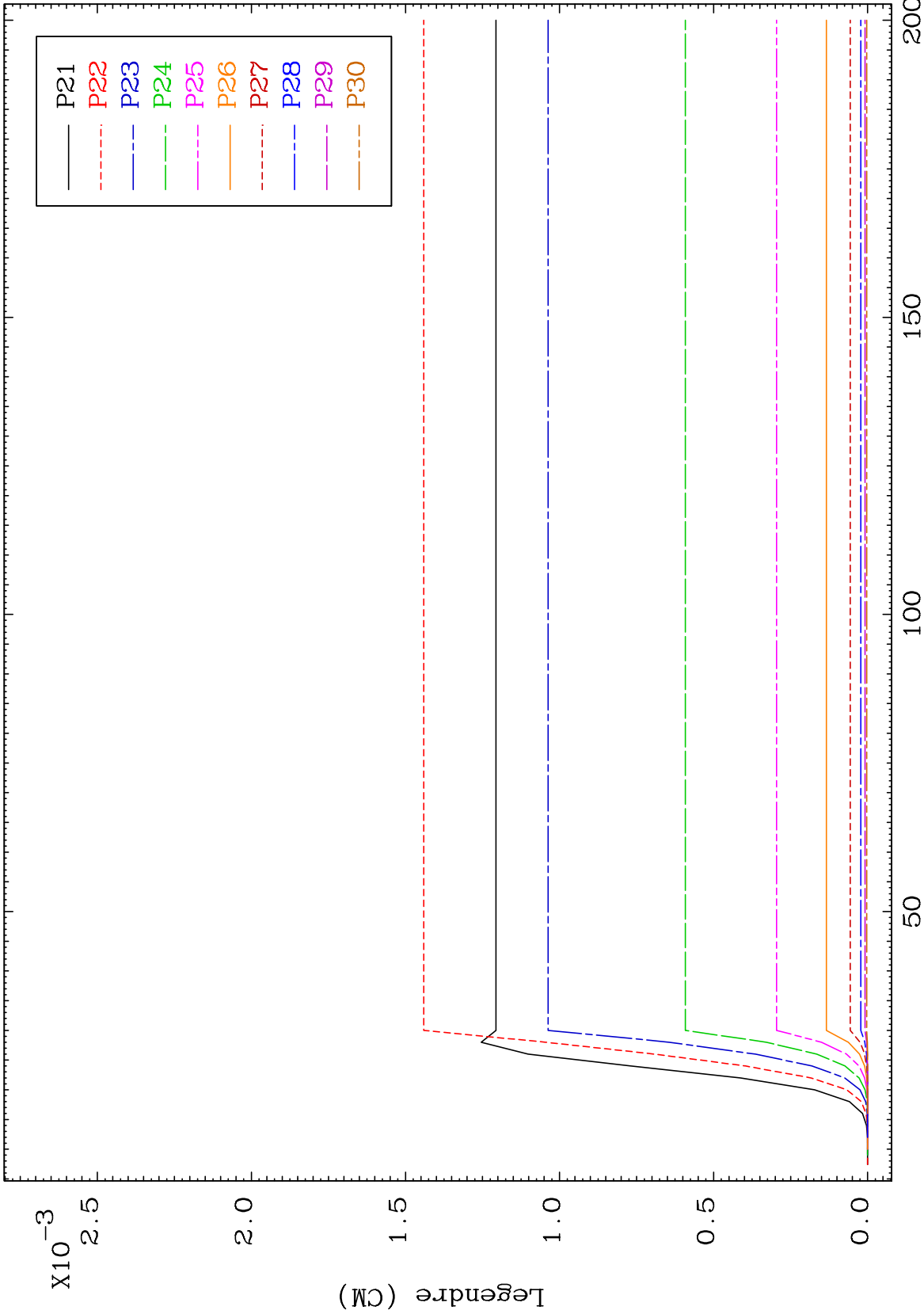
Incident Energy (MeV)

80-Hg-189

MAT 8004

MT= 58 (n,n') Level  
Legendre Coefficients

80-Hg-189

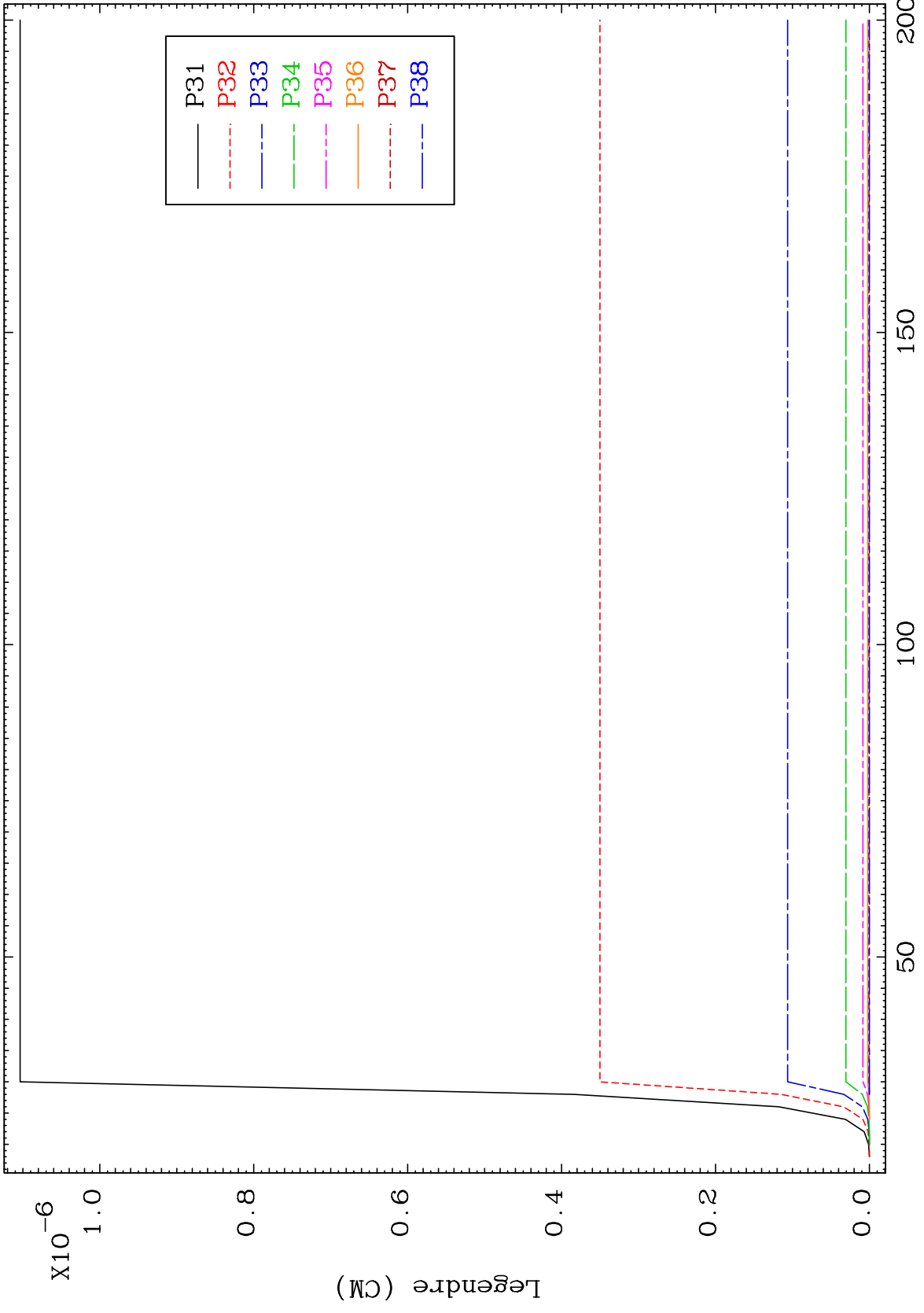


50

Incident Energy (MeV)

80-Hg-189

MAT 8004 MT= 58 (n,n') Level Legendre Coefficients 80-Hg-189

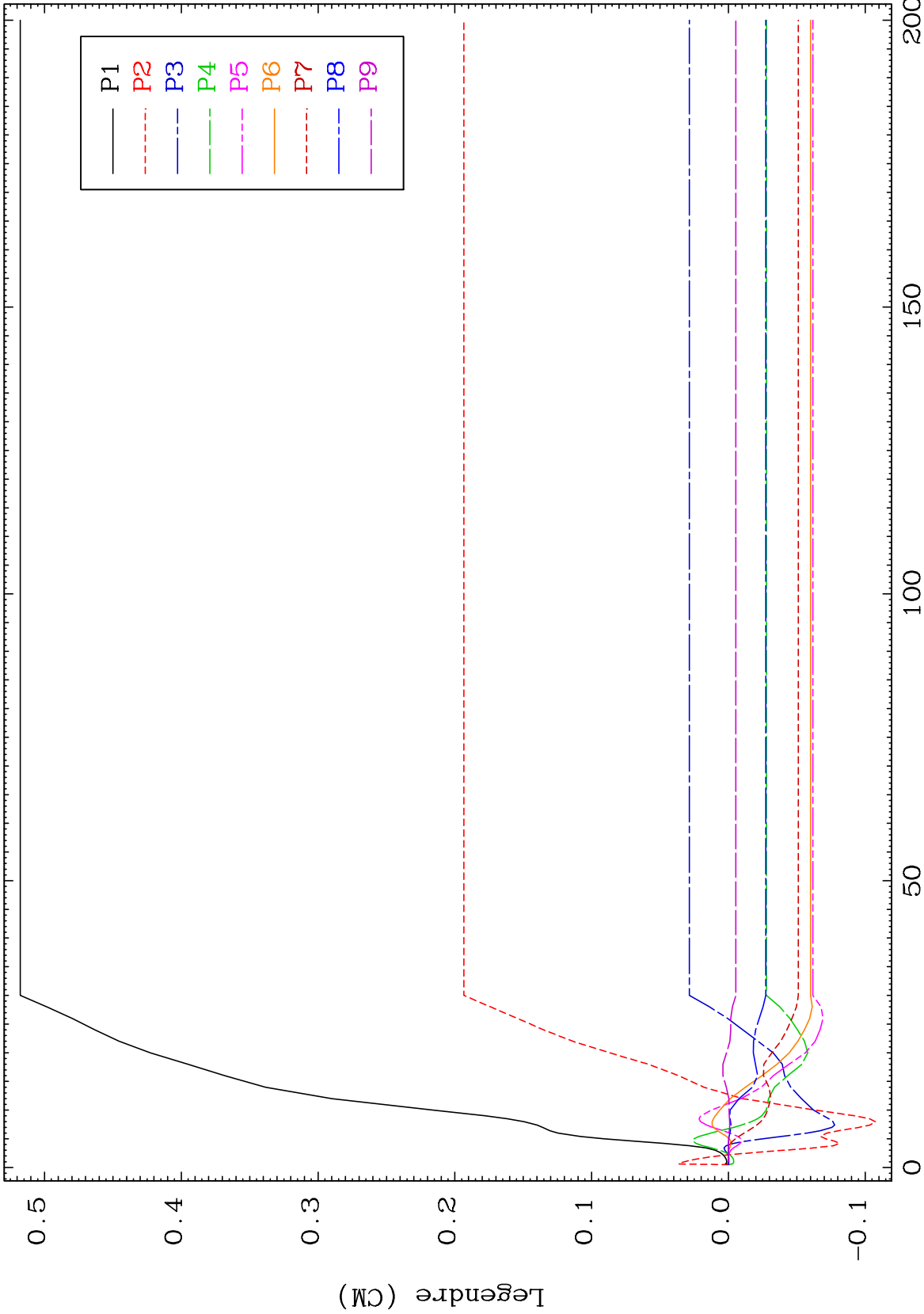


51 80-Hg-189

MAT 8004

MT= 59 (n,n') Level  
Legendre Coefficients

80-Hg-189



52

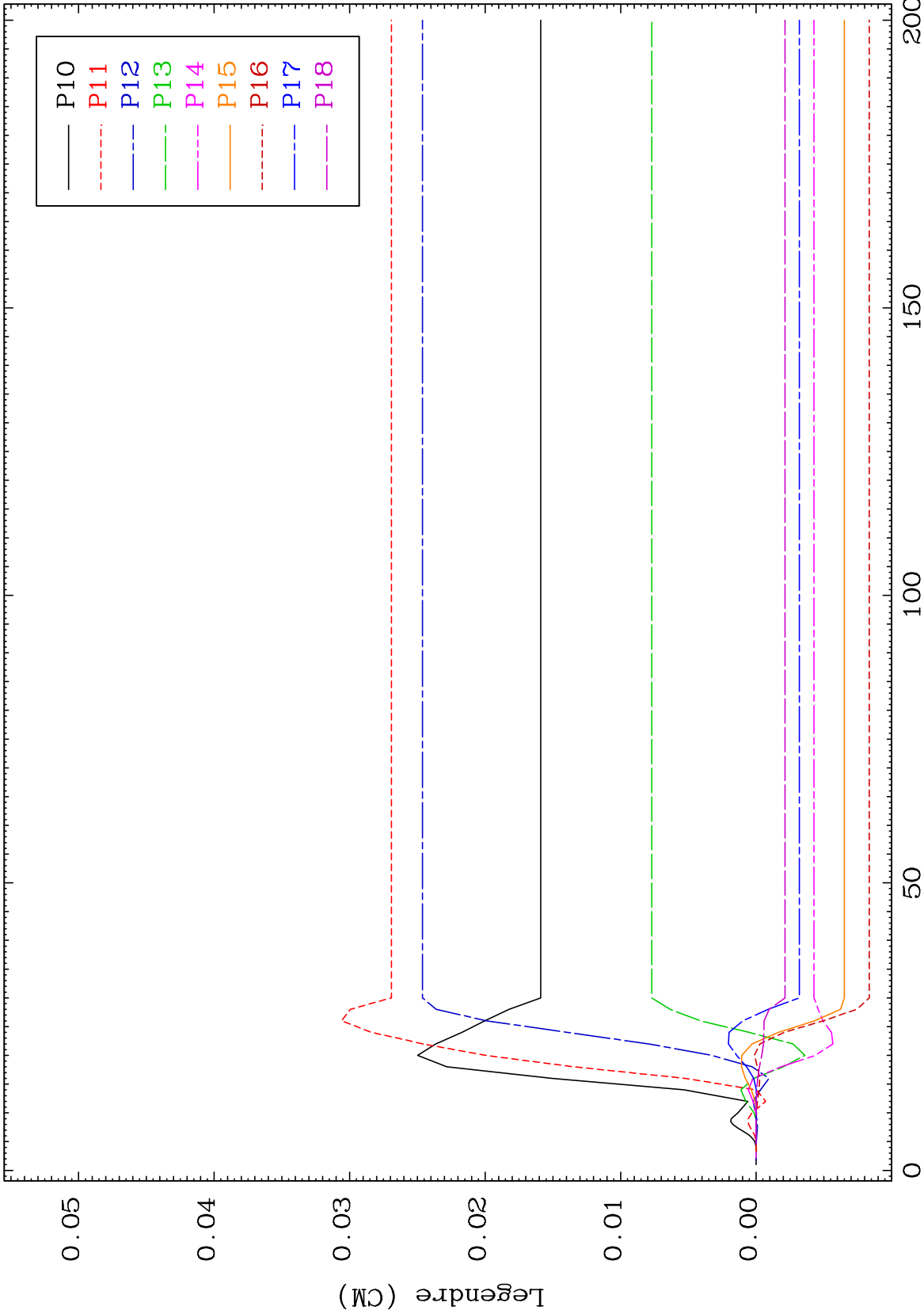
Incident Energy (MeV)

80-Hg-189

MAT 8004

MT= 59 (n,n') Level  
Legendre Coefficients

80-Hg-189



53

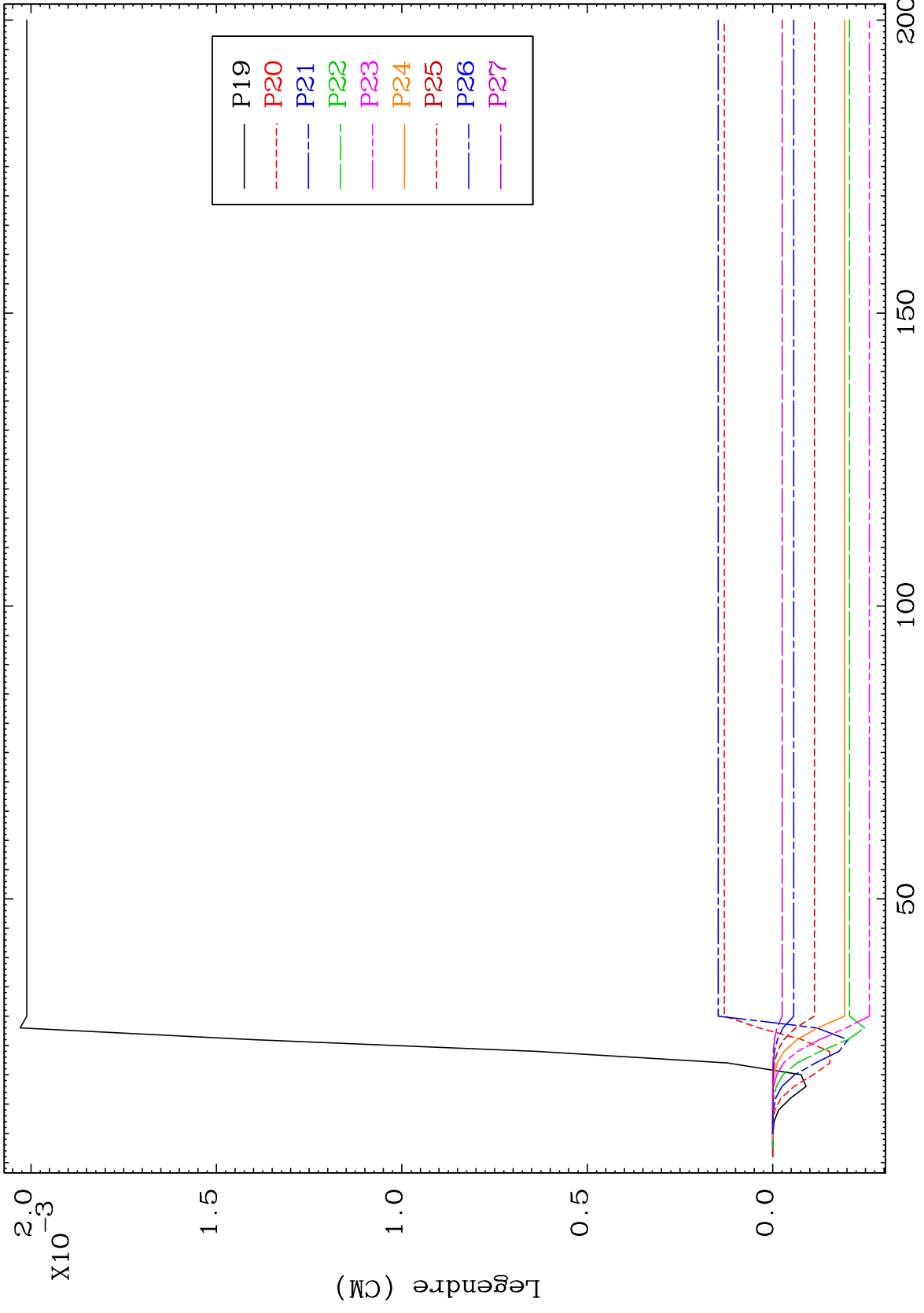
Incident Energy (MeV)

80-Hg-189

MAT 8004

MT= 59 (n,n') Level  
Legendre Coefficients

80-Hg-189



54

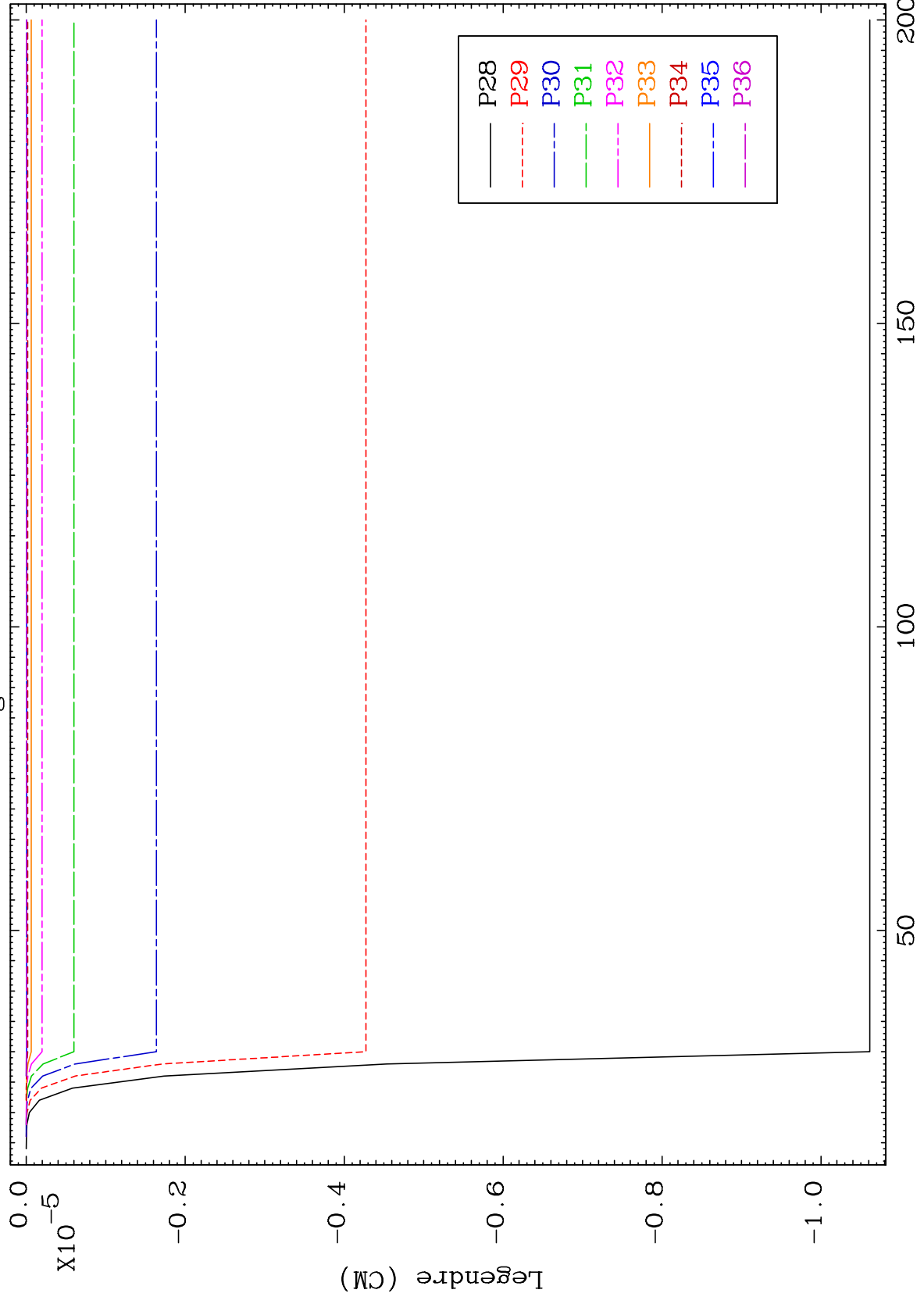
Incident Energy (MeV)

80-Hg-189

MAT 8004

MT= 59 (n,n') Level  
Legendre Coefficients

80-Hg-189



80-Hg-189

Incident Energy (MeV)

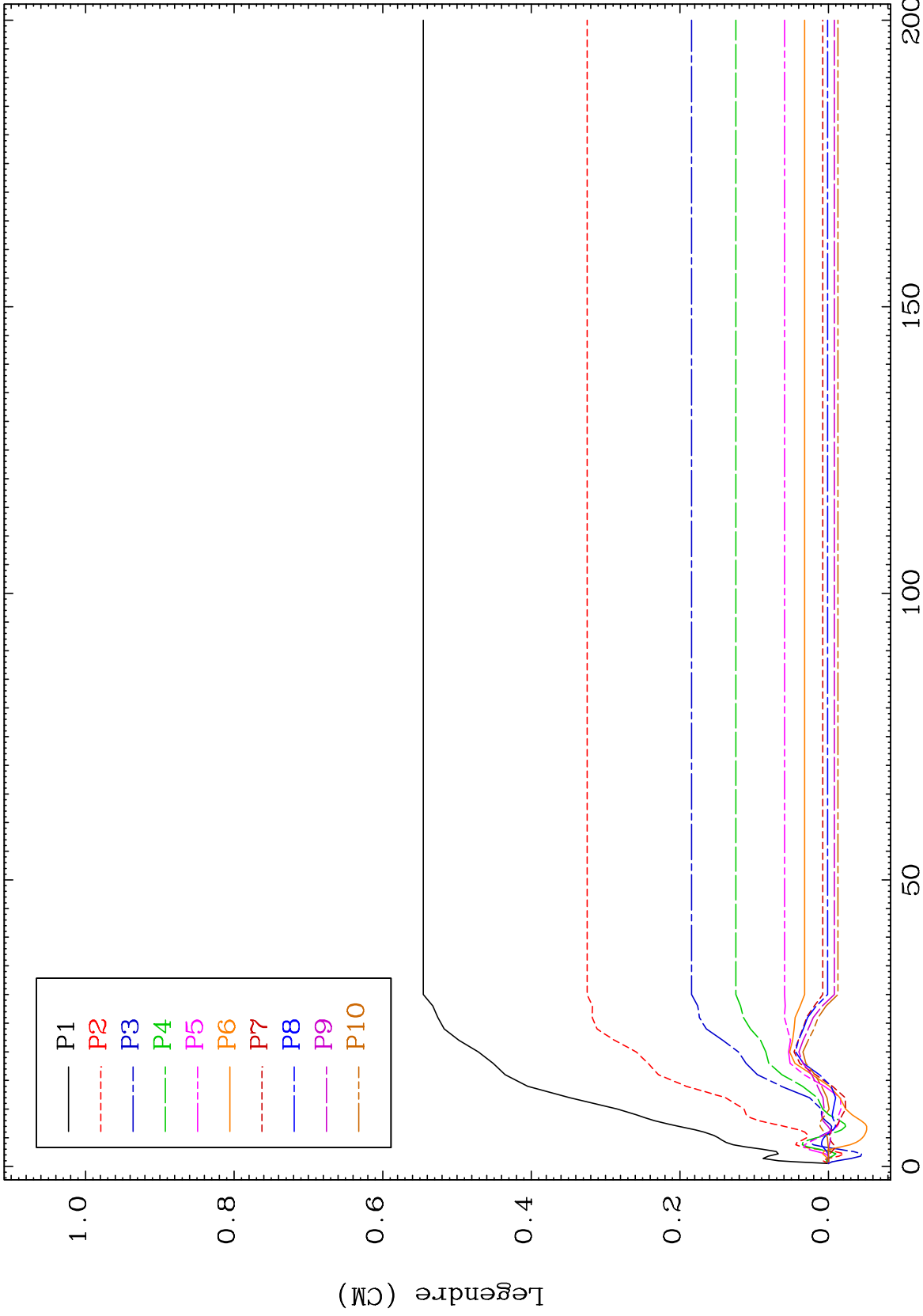
55



MAT 8004

MT= 60 (n,n') Level  
Legendre Coefficients

80-Hg-189



56

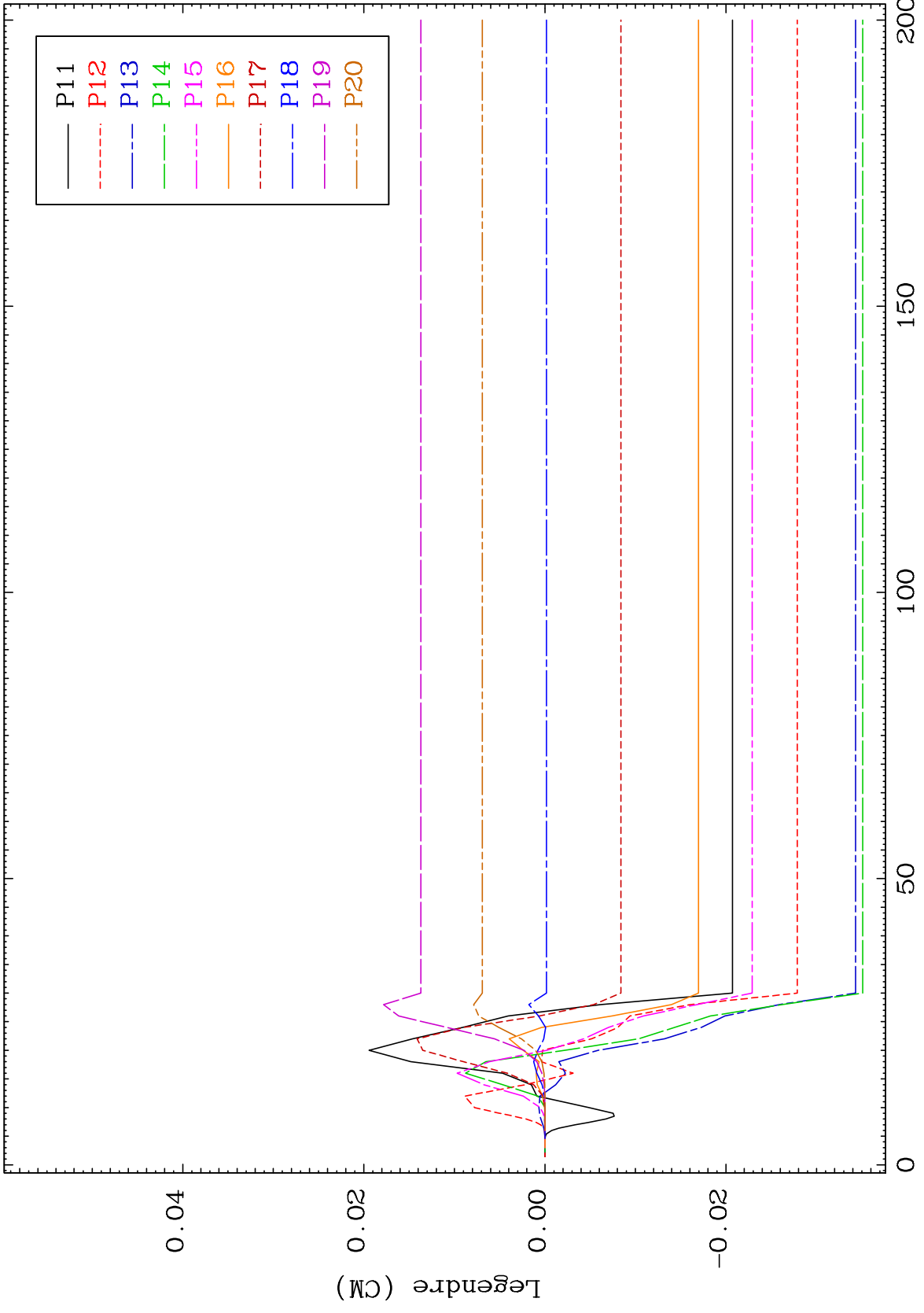
Incident Energy (MeV)

80-Hg-189

MAT 8004

MT= 60 (n,n') Level  
Legendre Coefficients

80-Hg-189



57

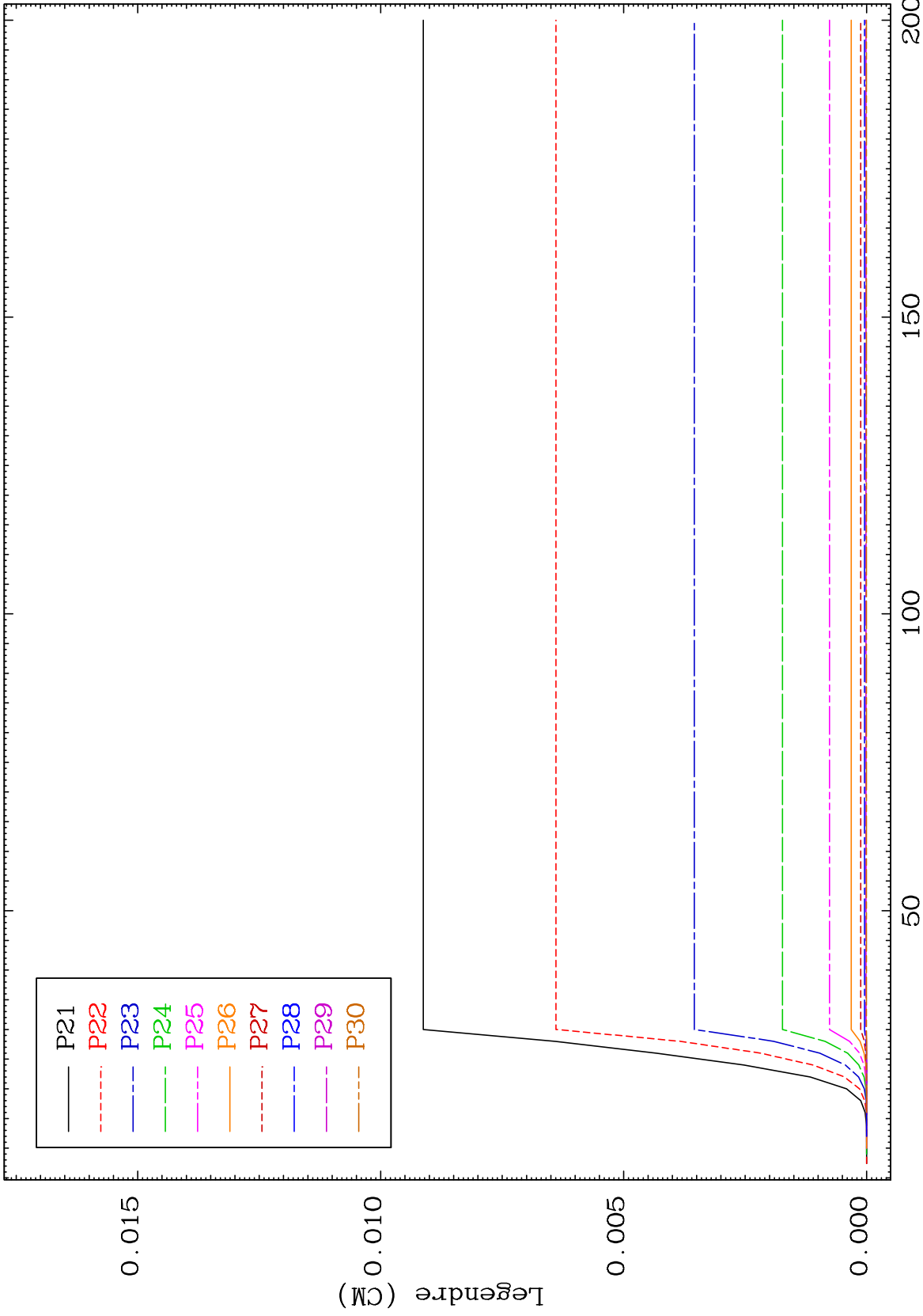
Incident Energy (MeV)

80-Hg-189

MAT 8004

MT= 60 (n,n') Level  
Legendre Coefficients

80-Hg-189



58

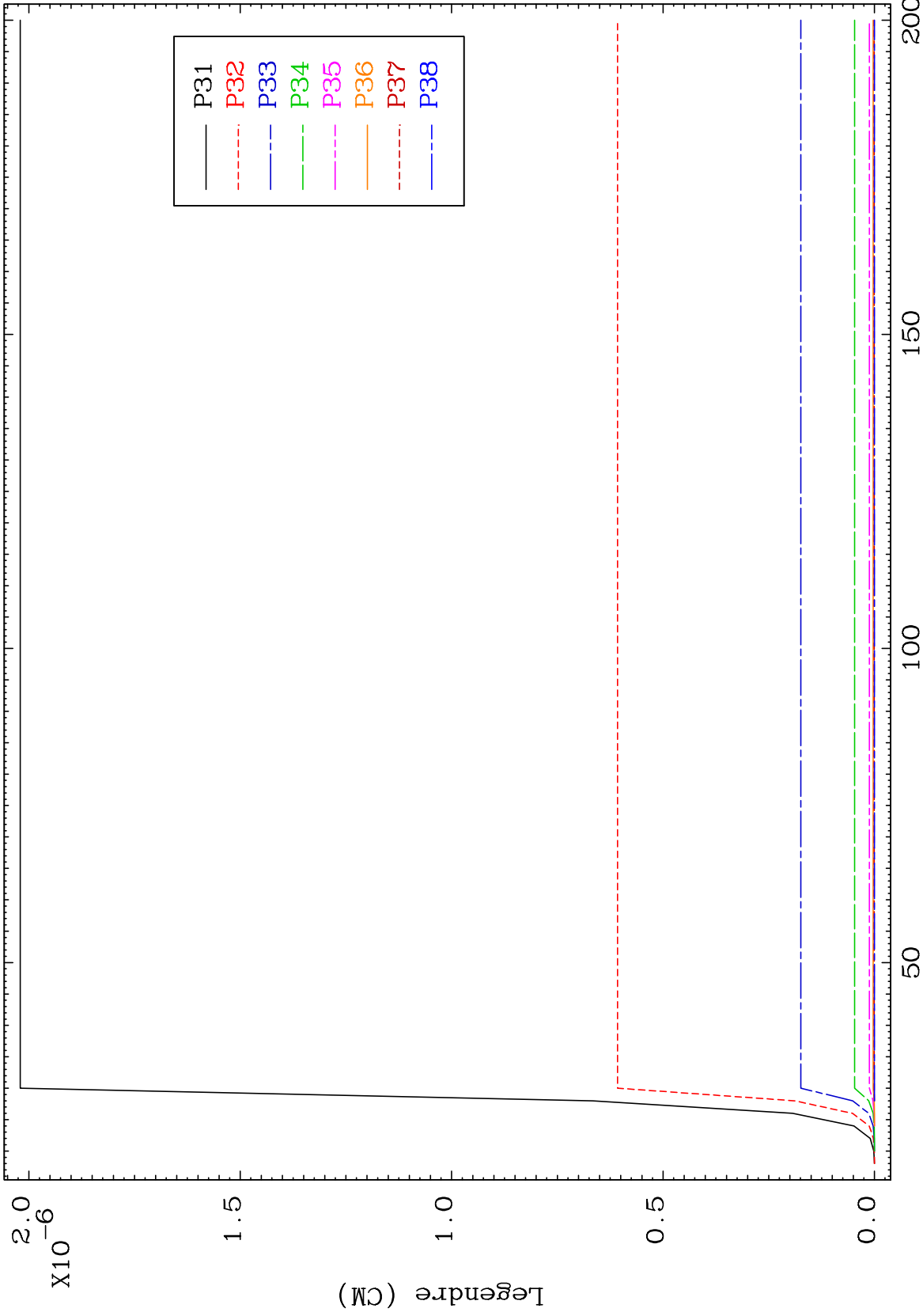
Incident Energy (MeV)

80-Hg-189

MAT 8004

MT= 60 (n,n') Level  
Legendre Coefficients

80-Hg-189



59

Incident Energy (MeV)

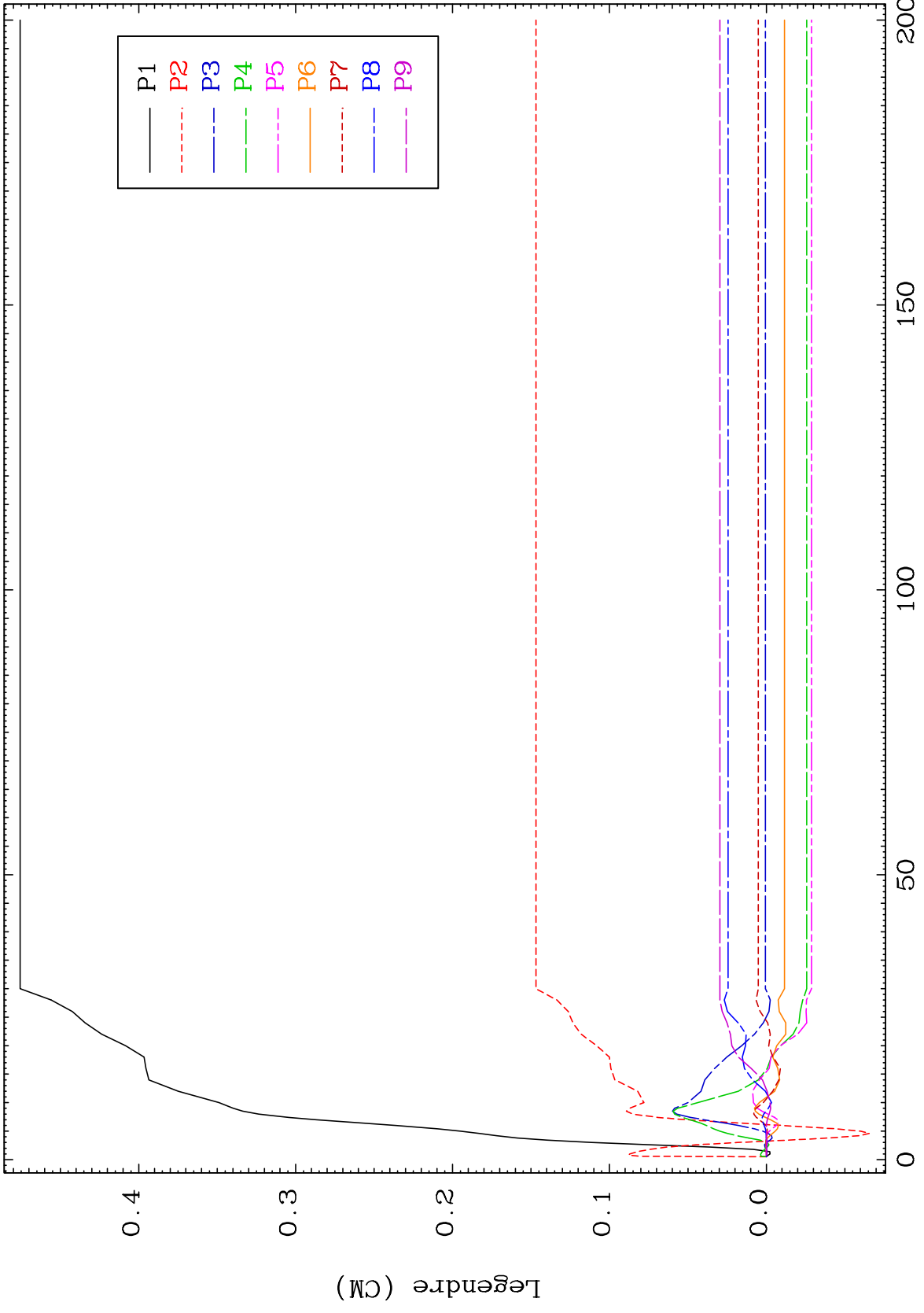
80-Hg-189

MAT 8004

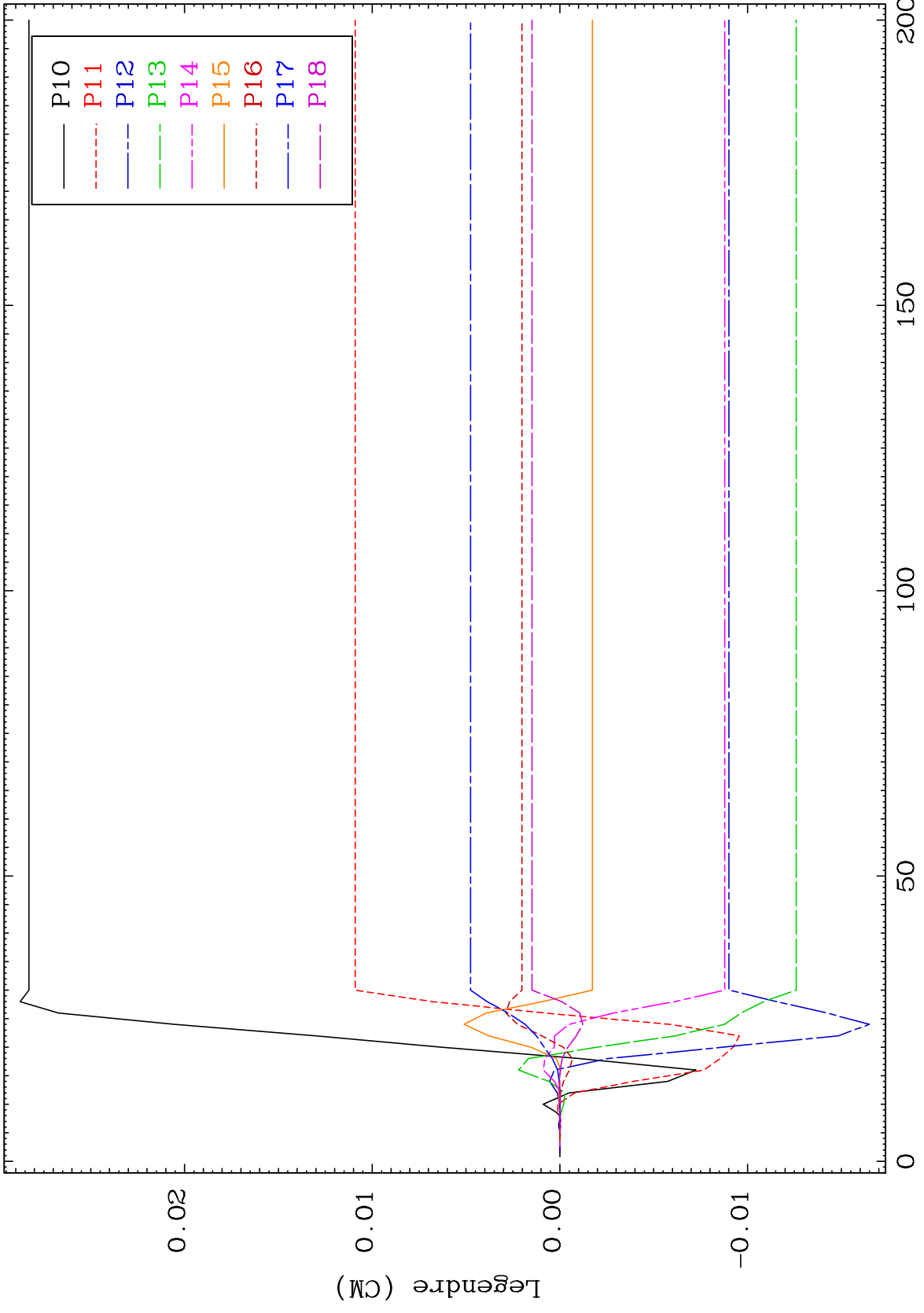
MT= 61 (n,n') Level Legendre Coefficients

80-Hg-189

80-Hg-189



MAT 8004 MT= 61 (n,n') Level Legendre Coefficients 80-Hg-189

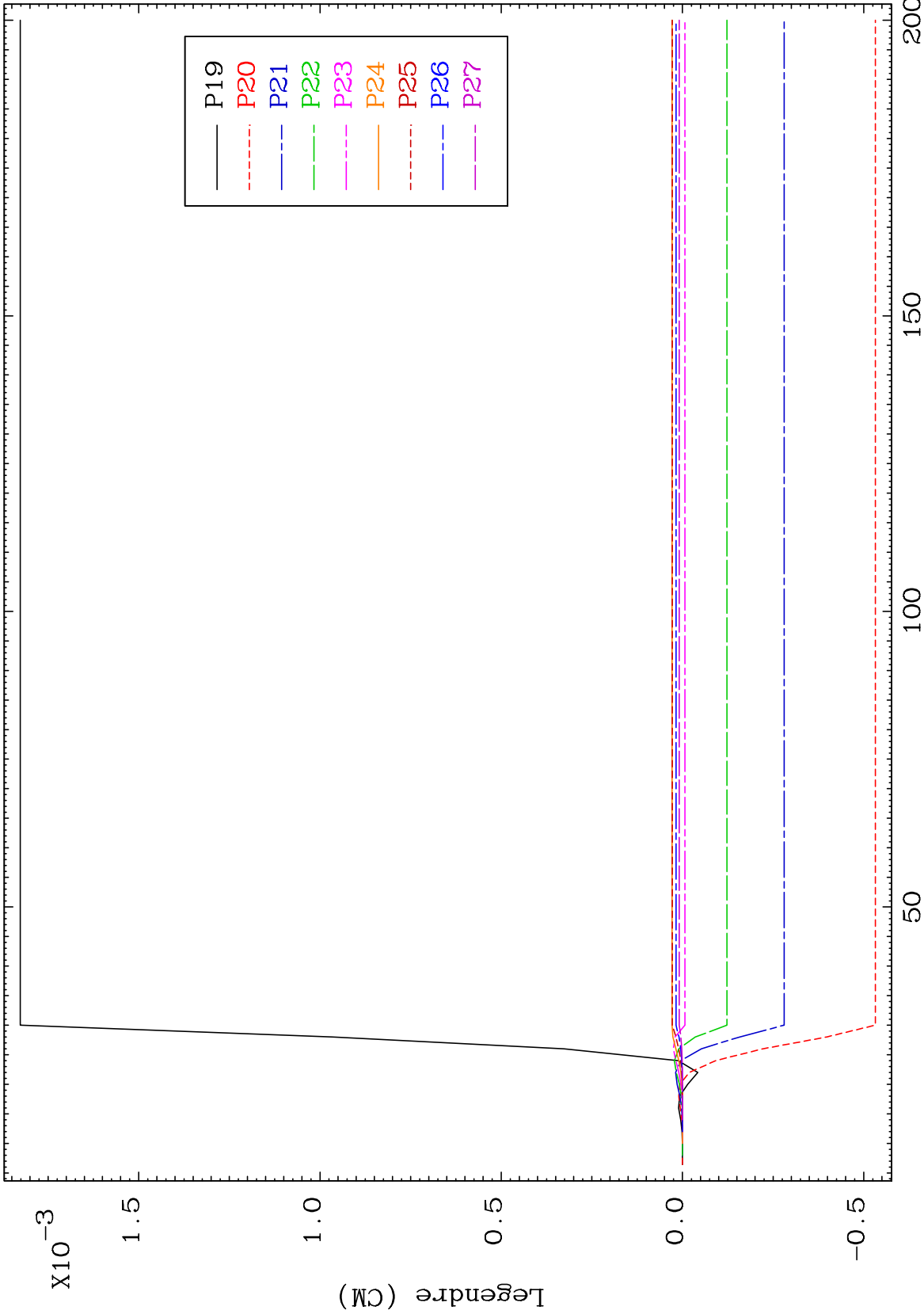


61 80-Hg-189

MAT 8004

MT= 61 (n,n') Level  
Legendre Coefficients

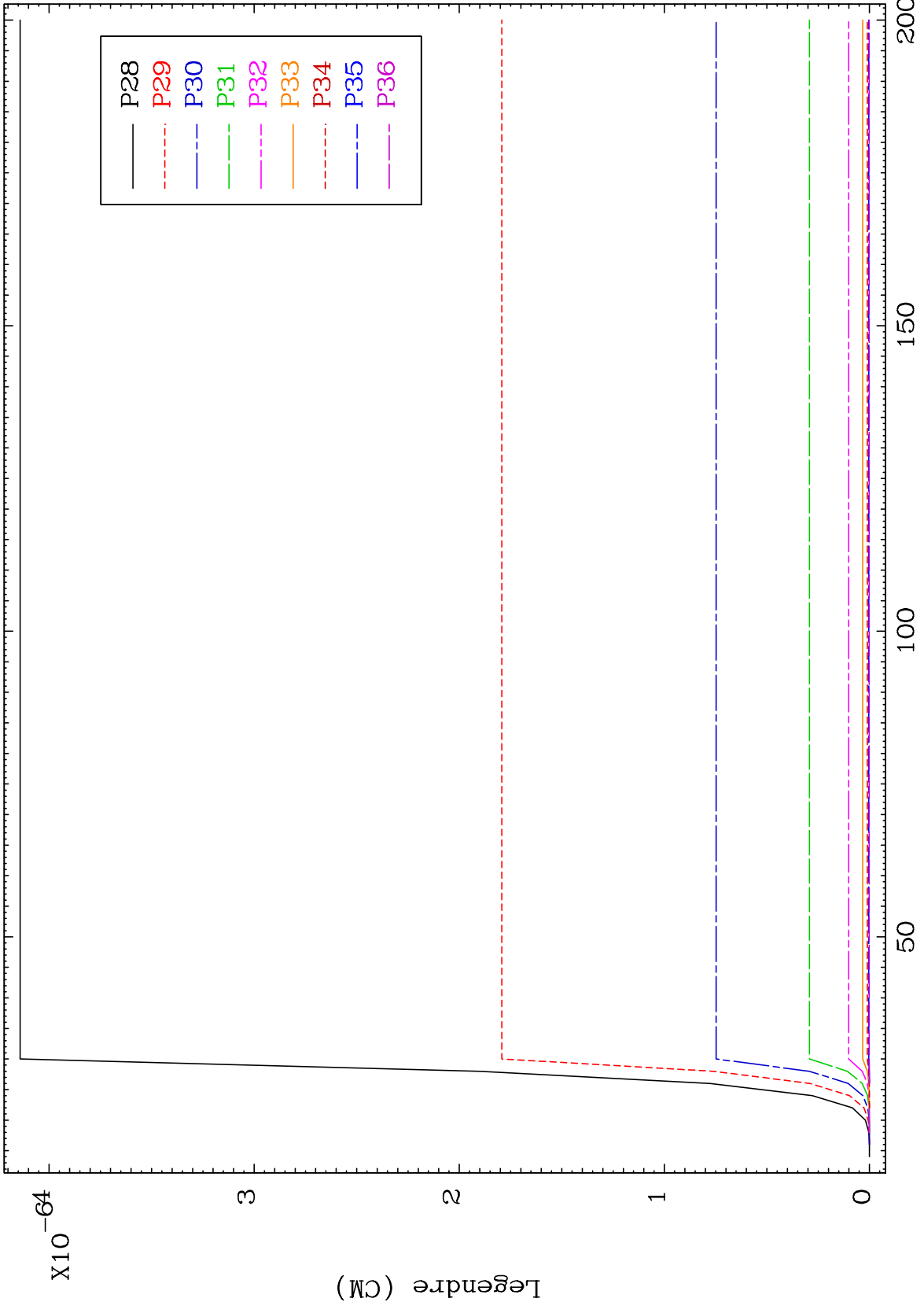
80-Hg-189



62

80-Hg-189

MAT 8004 MT= 61 (n,n') Level Legendre Coefficients 80-Hg-189



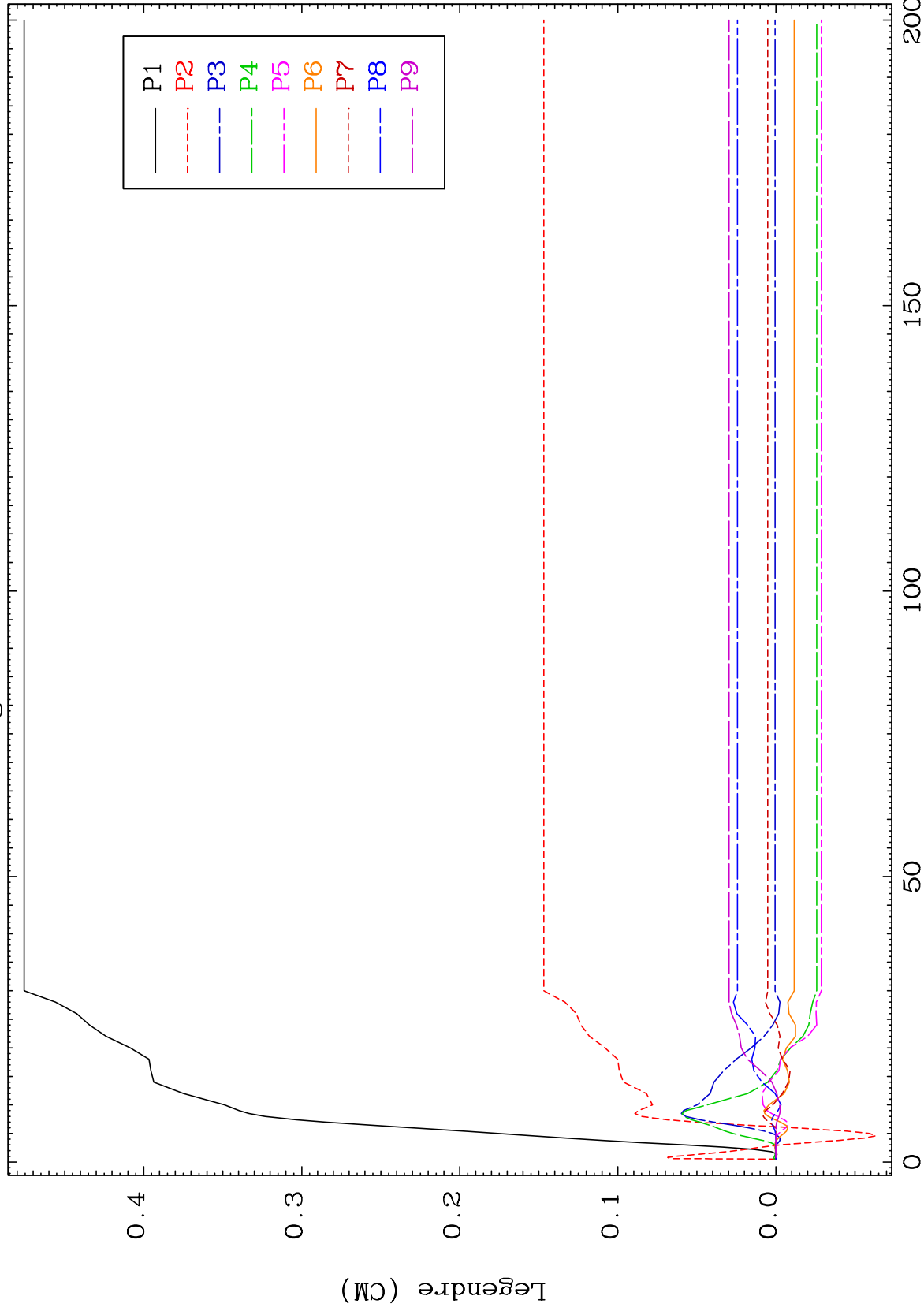
63 80-Hg-189



MAT 8004

MT= 62 (n,n') Level  
Legendre Coefficients

80-Hg-189

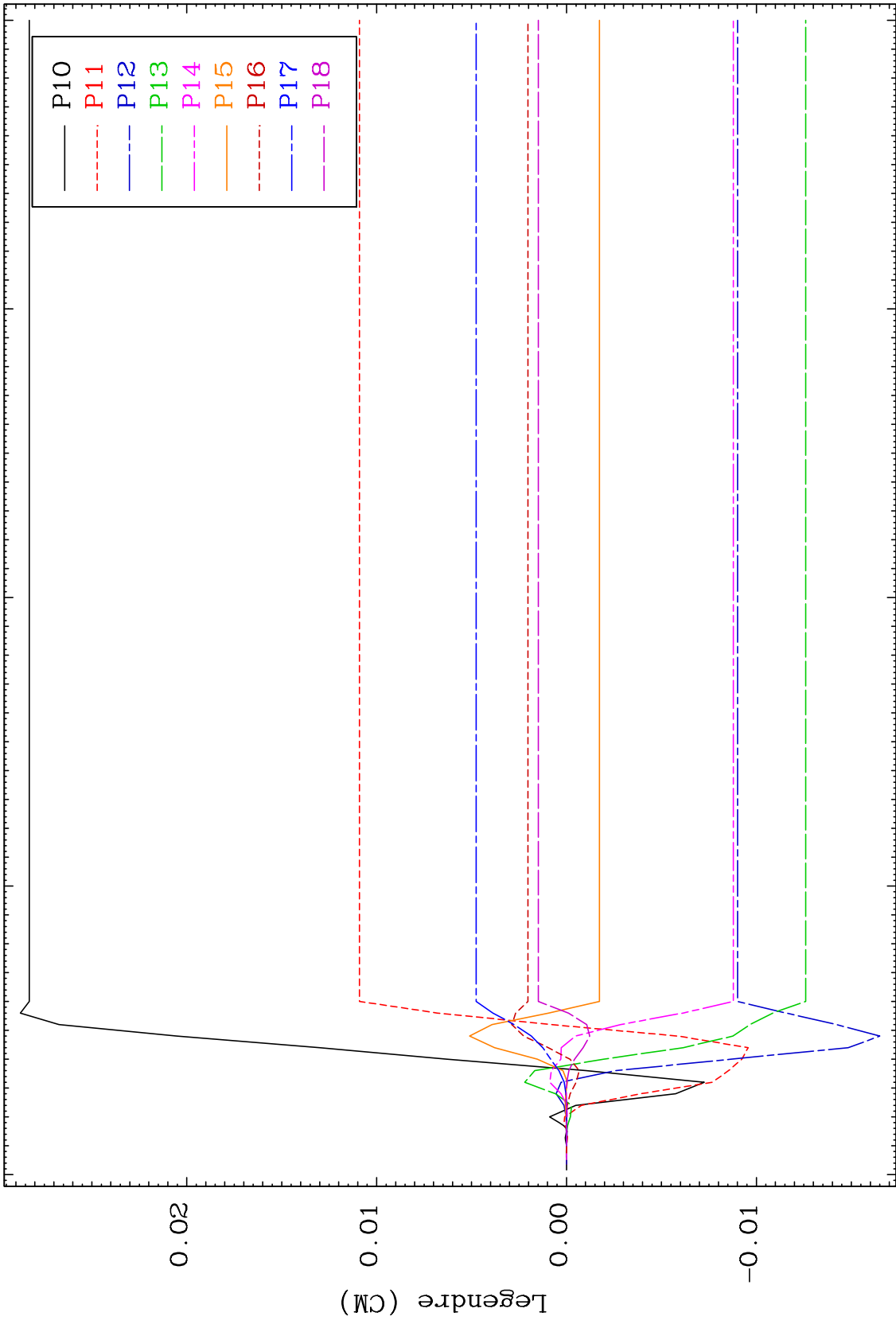


64

Incident Energy (MeV)

80-Hg-189

MAT 8004 MT= 62 (n,n') Level Legendre Coefficients 80-Hg-189

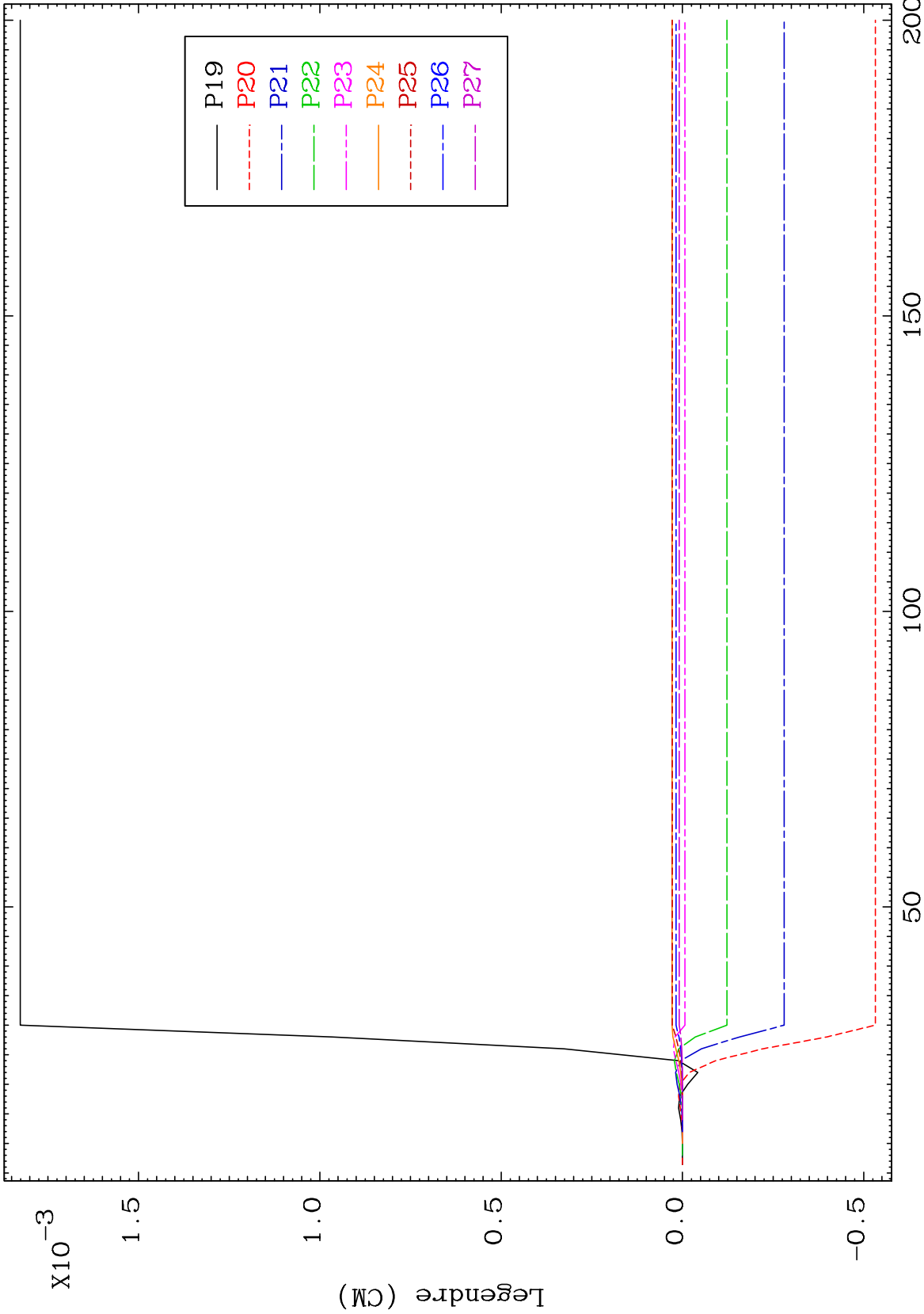


65 Incident Energy (MeV) 80-Hg-189

MAT 8004

MT= 62 (n,n') Level  
Legendre Coefficients

80-Hg-189



66

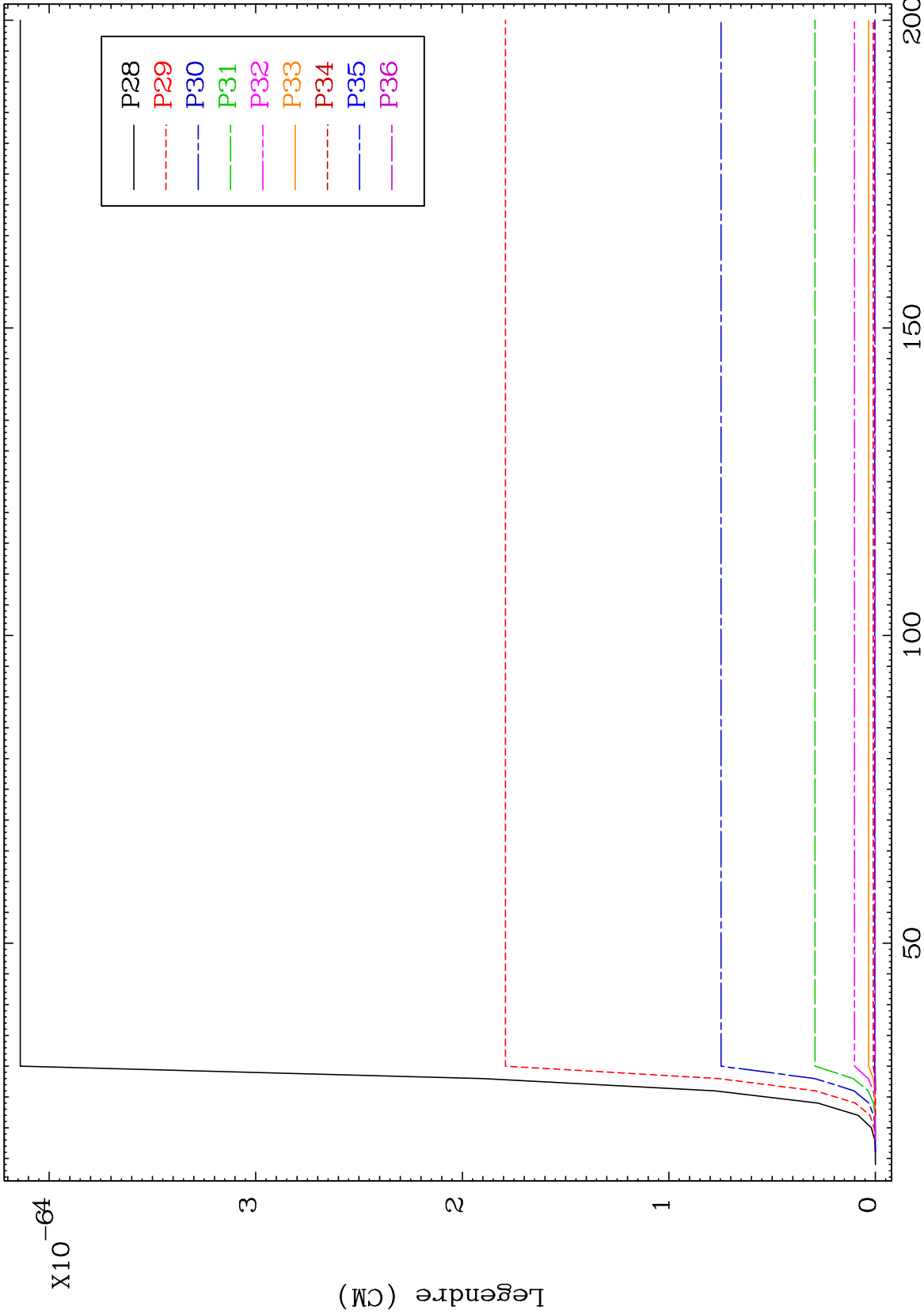
Incident Energy (MeV)

80-Hg-189

MAT 8004

MT= 62 (n,n') Level  
Legendre Coefficients

80-Hg-189



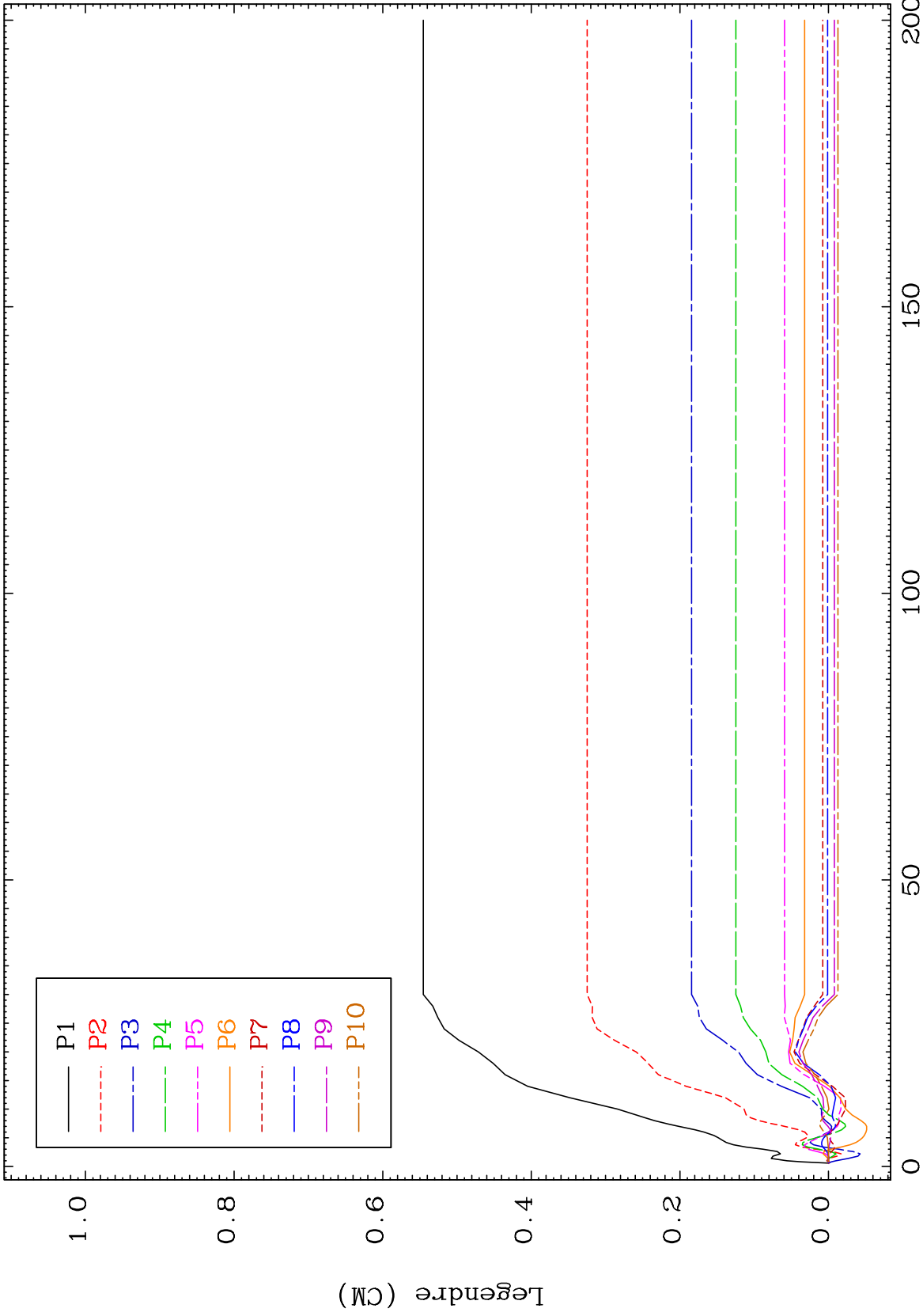
67

80-Hg-189

MAT 8004

MT= 63 (n,n') Level  
Legendre Coefficients

80-Hg-189



68

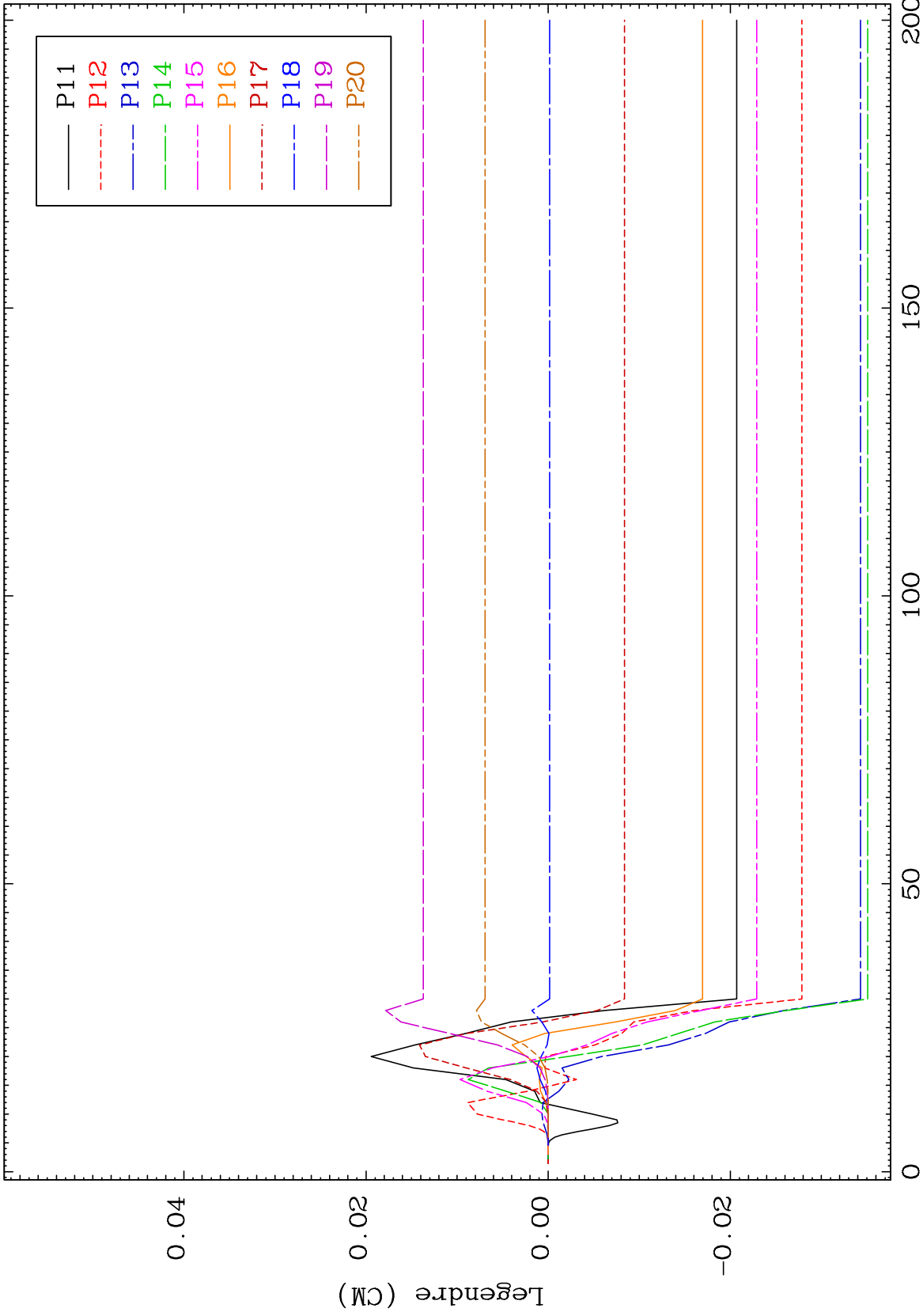
Incident Energy (MeV)

80-Hg-189

MAT 8004

MT= 63 (n,n') Level  
Legendre Coefficients

80-Hg-189



69

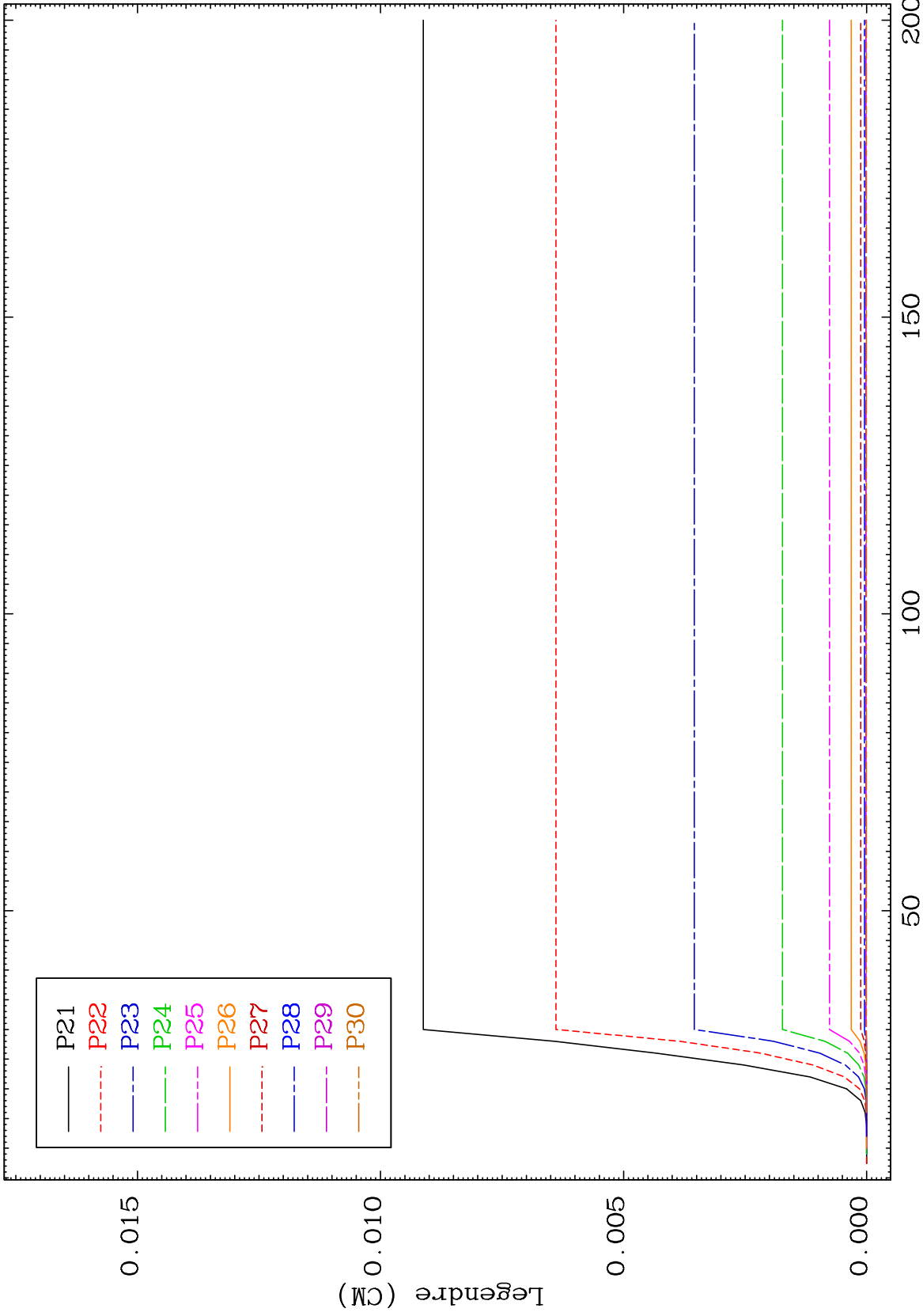
Incident Energy (MeV)

80-Hg-189

MAT 8004

MT= 63 (n,n') Level  
Legendre Coefficients

80-Hg-189



70

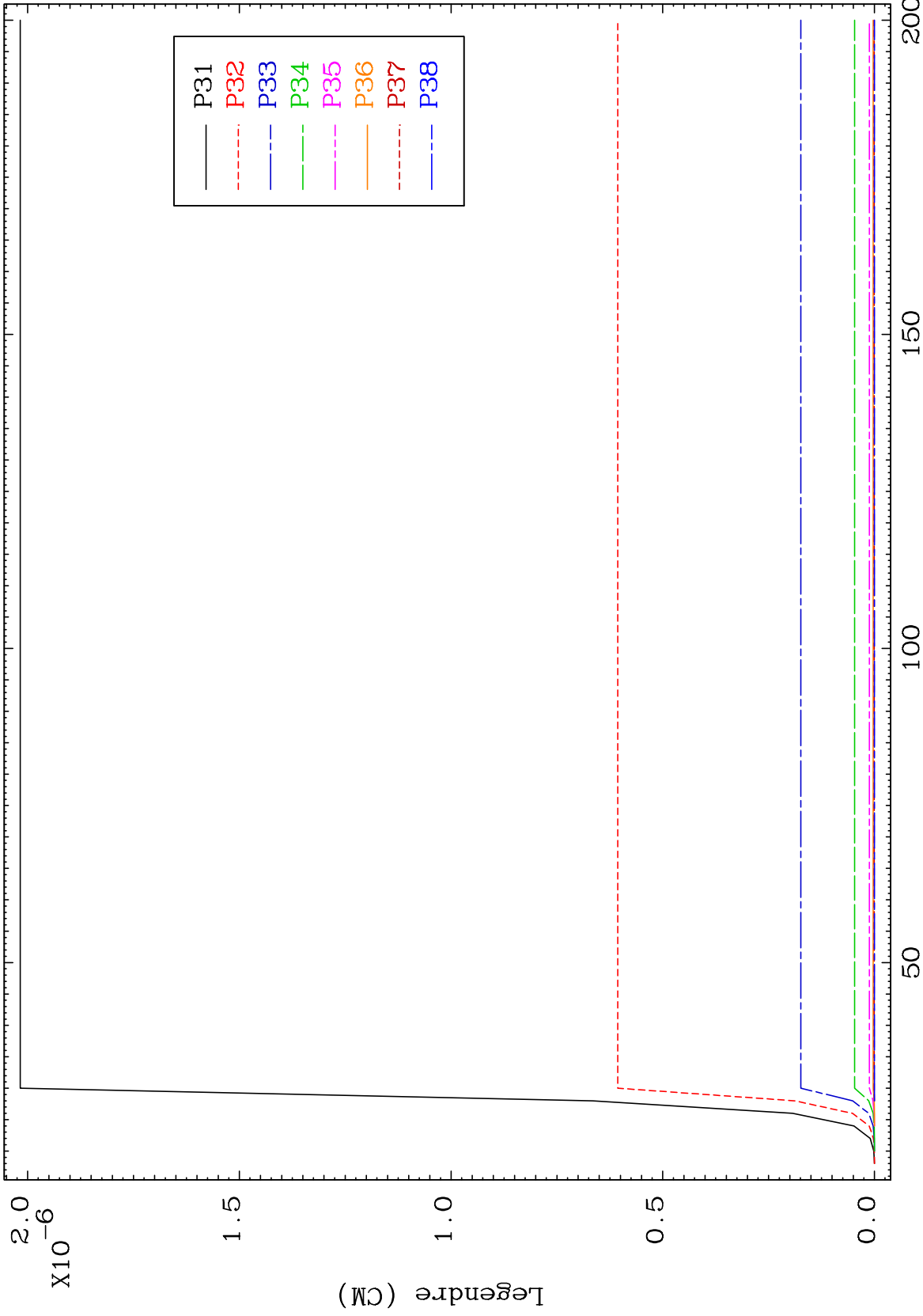
Incident Energy (MeV)

80-Hg-189

MAT 8004

MT= 63 (n,n') Level  
Legendre Coefficients

80-Hg-189

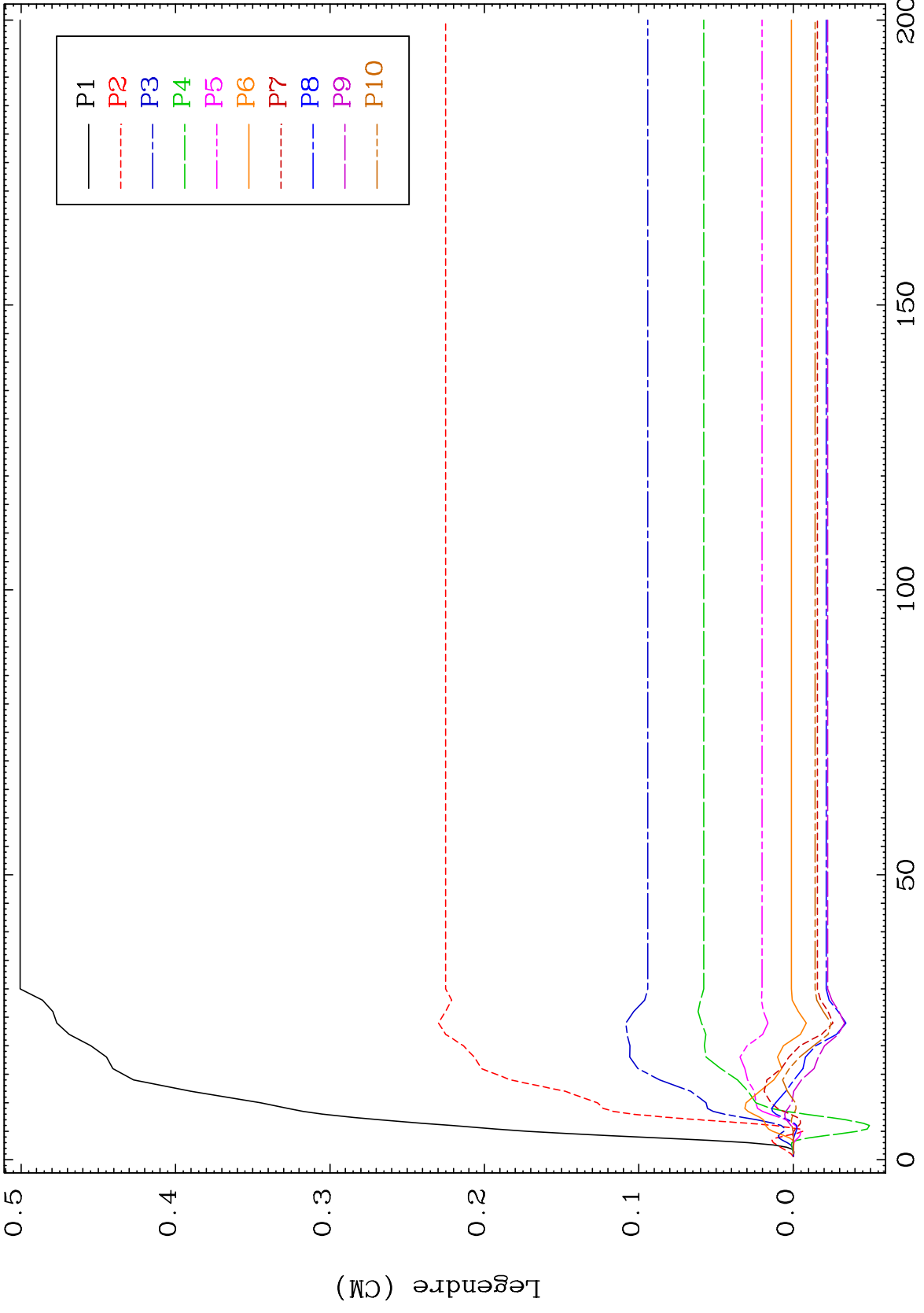


71

80-Hg-189



MAT 8004 MT= 64 (n,n') Level Legendre Coefficients 80-Hg-189

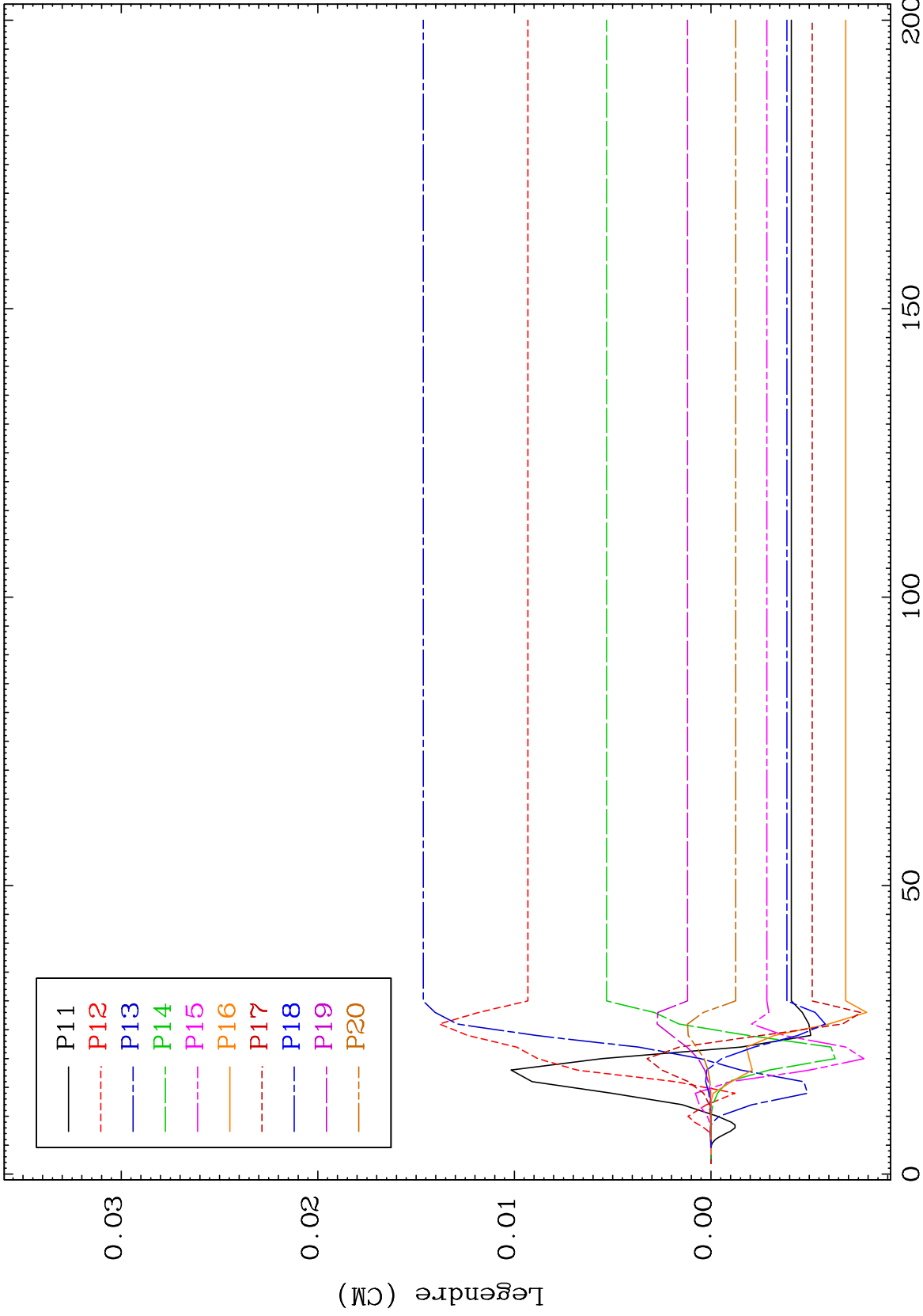


72 80-Hg-189

MAT 8004

MT= 64 (n,n') Level  
Legendre Coefficients

80-Hg-189



73

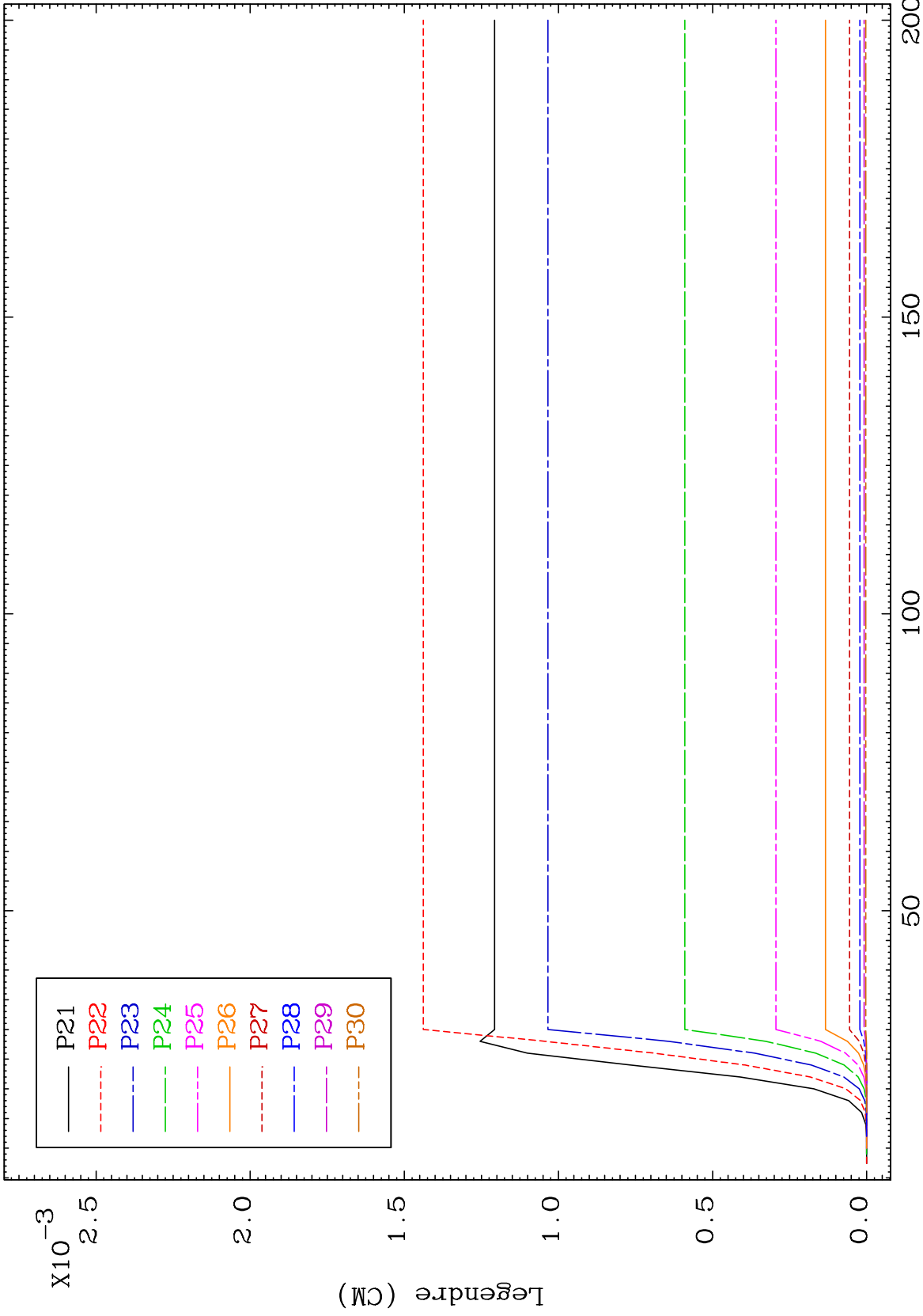
Incident Energy (MeV)

80-Hg-189

MAT 8004

MT= 64 (n,n') Level  
Legendre Coefficients

80-Hg-189

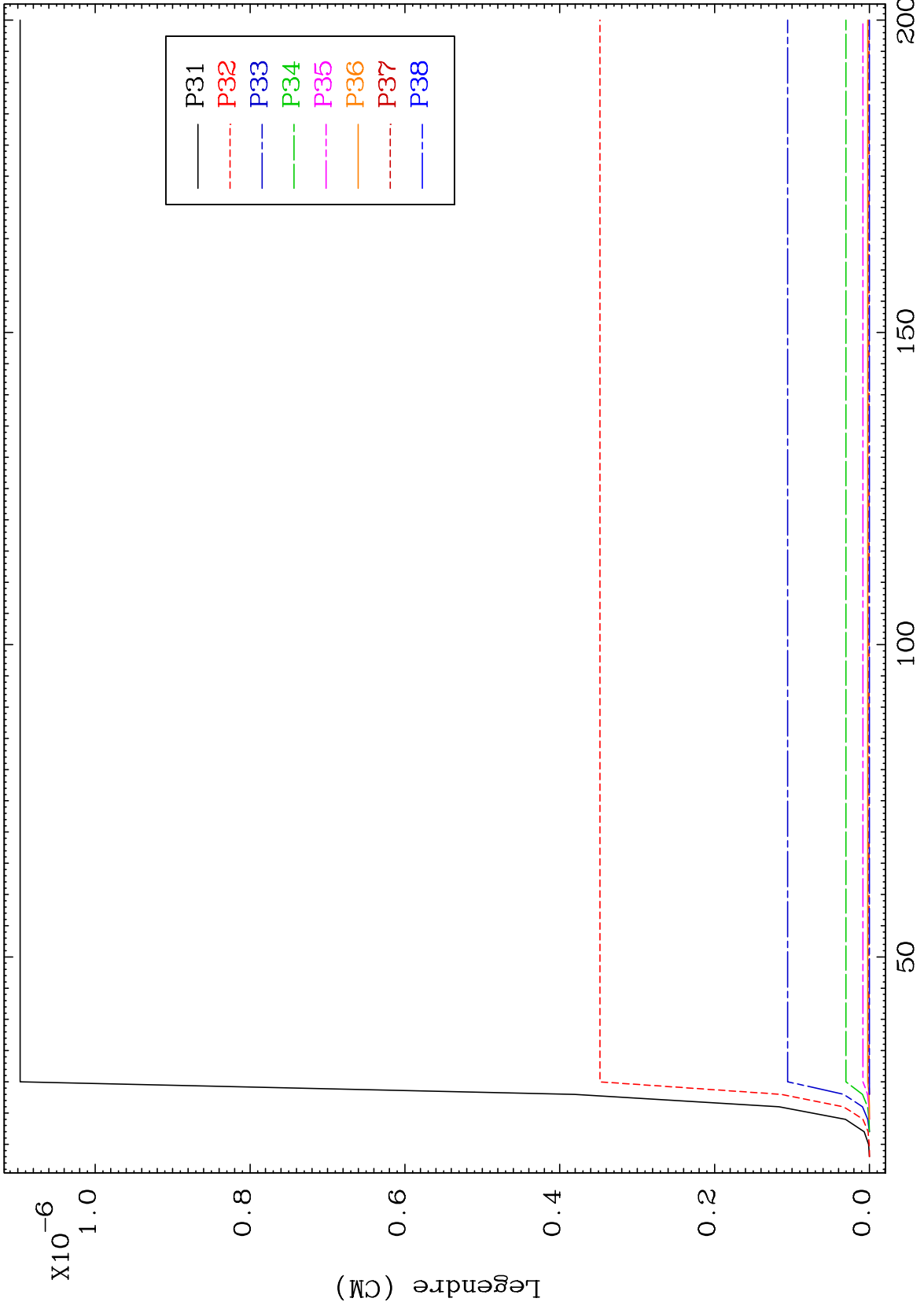


74

Incident Energy (MeV)

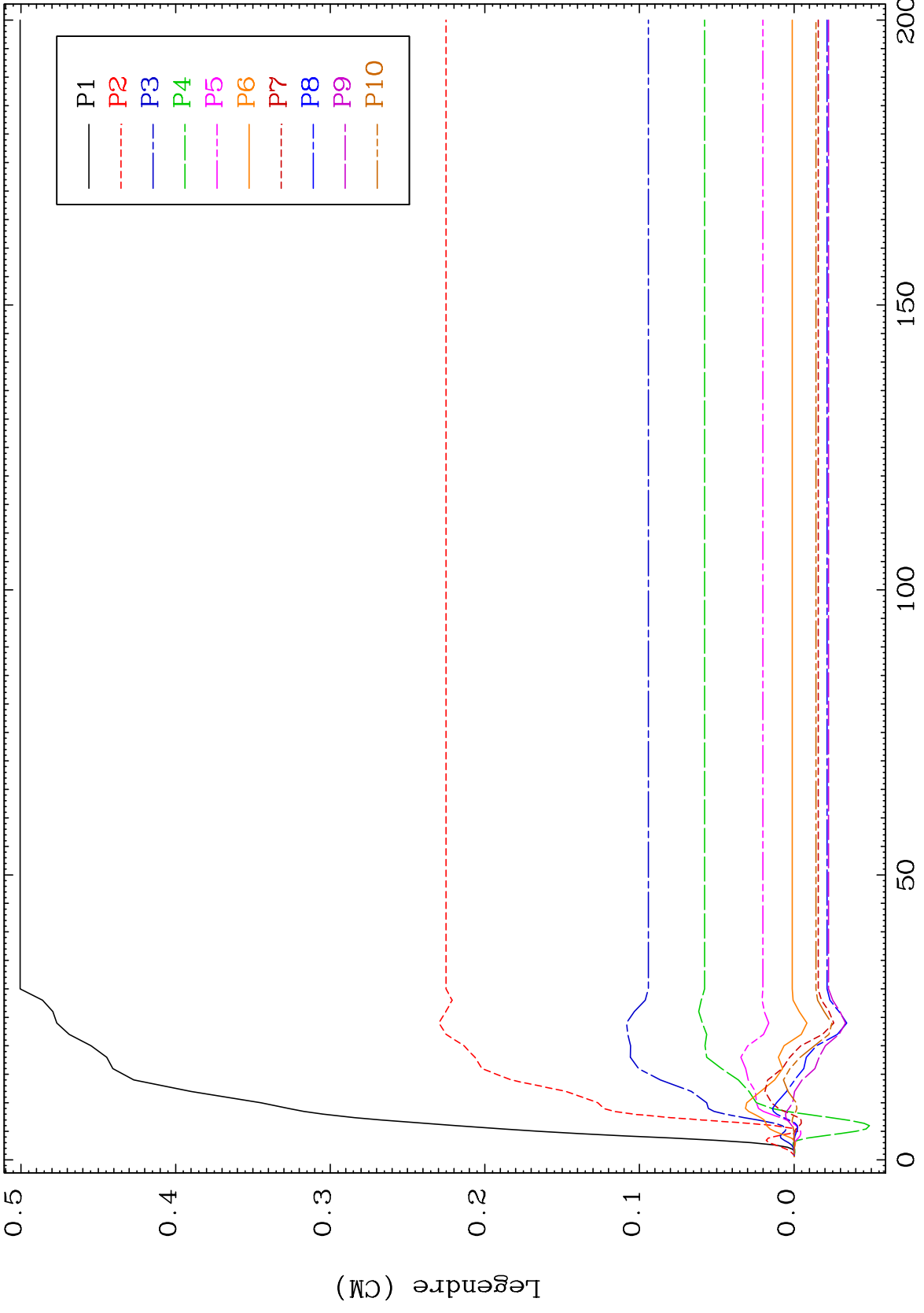
80-Hg-189

MAT 8004 MT= 64 (n,n') Level Legendre Coefficients 80-Hg-189



75 50 100 150 200 80-Hg-189

MAT 8004 MT= 65 (n,n') Level Legendre Coefficients 80-Hg-189

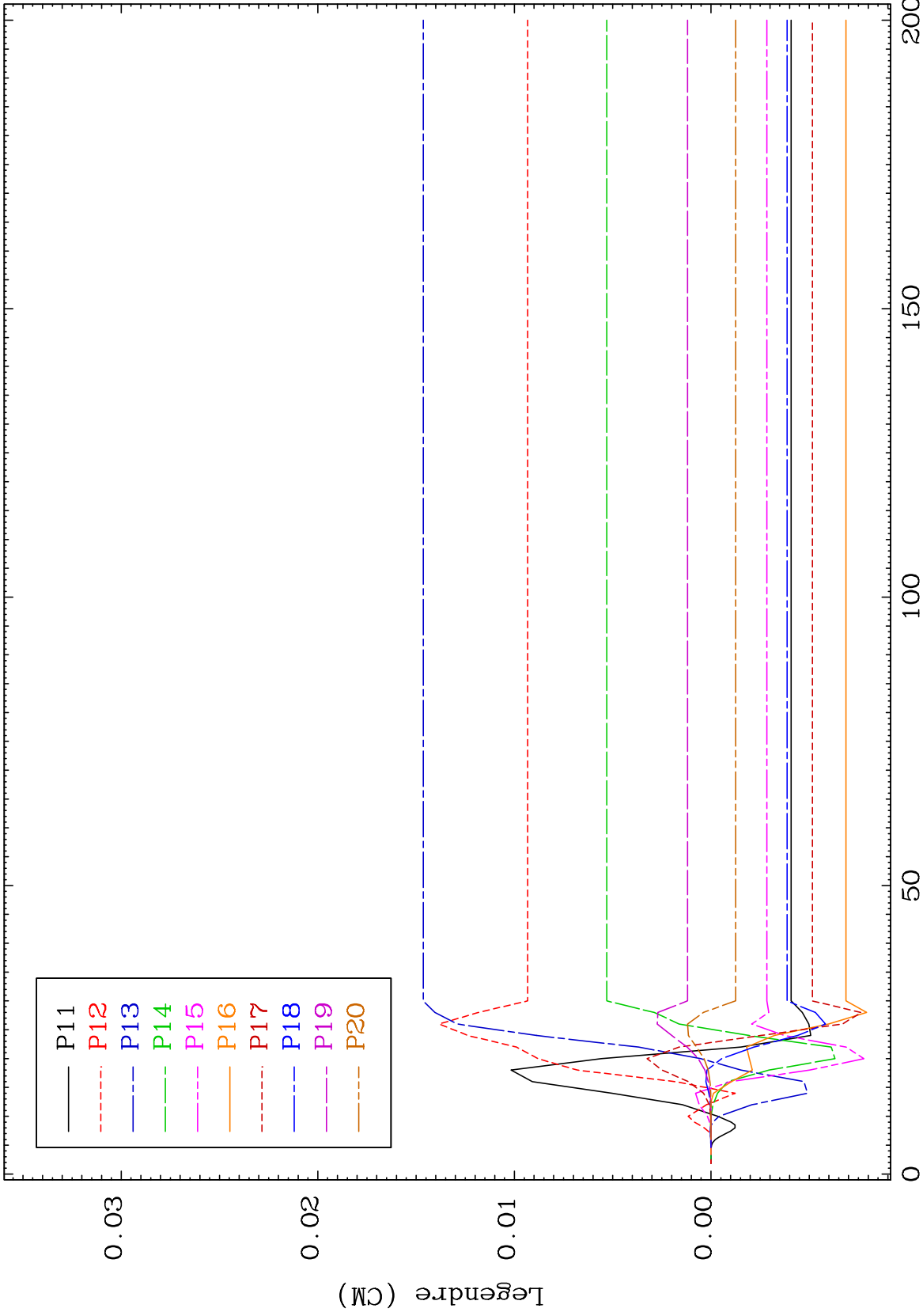


76 80-Hg-189

MAT 8004

MT= 65 (n,n') Level  
Legendre Coefficients

80-Hg-189



77

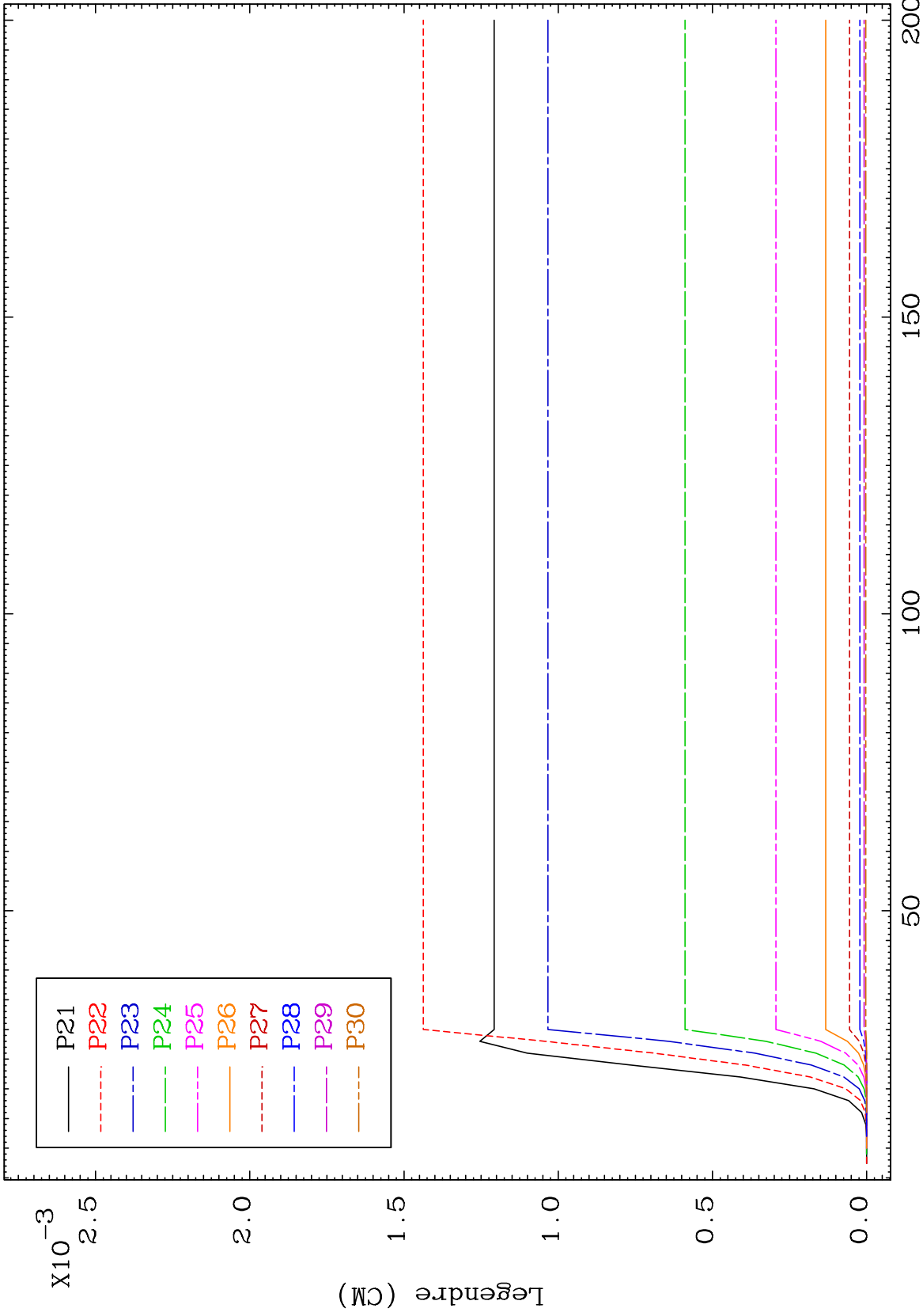
Incident Energy (MeV)

80-Hg-189

MAT 8004

MT= 65 (n,n') Level  
Legendre Coefficients

80-Hg-189

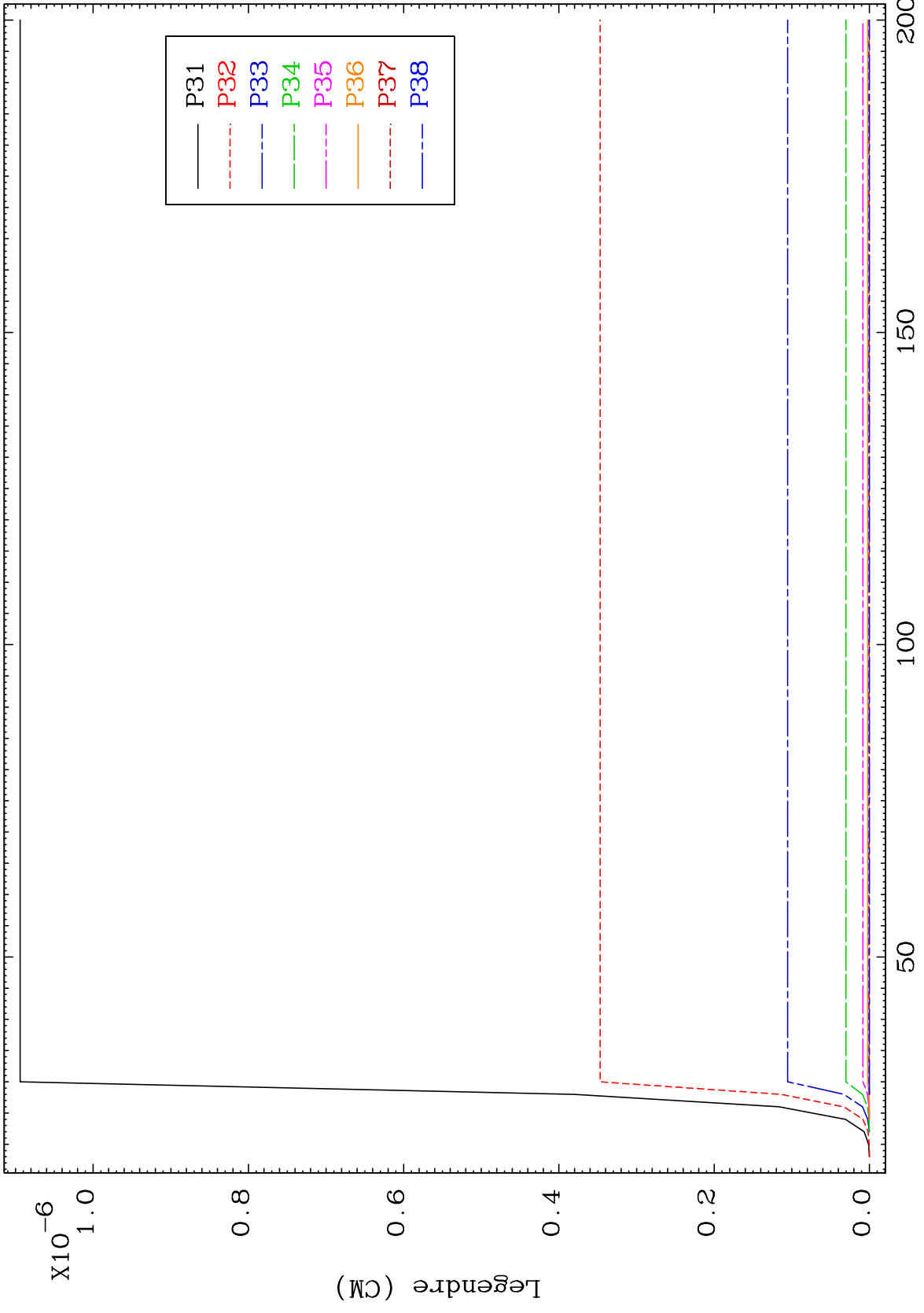


78

Incident Energy (MeV)

80-Hg-189

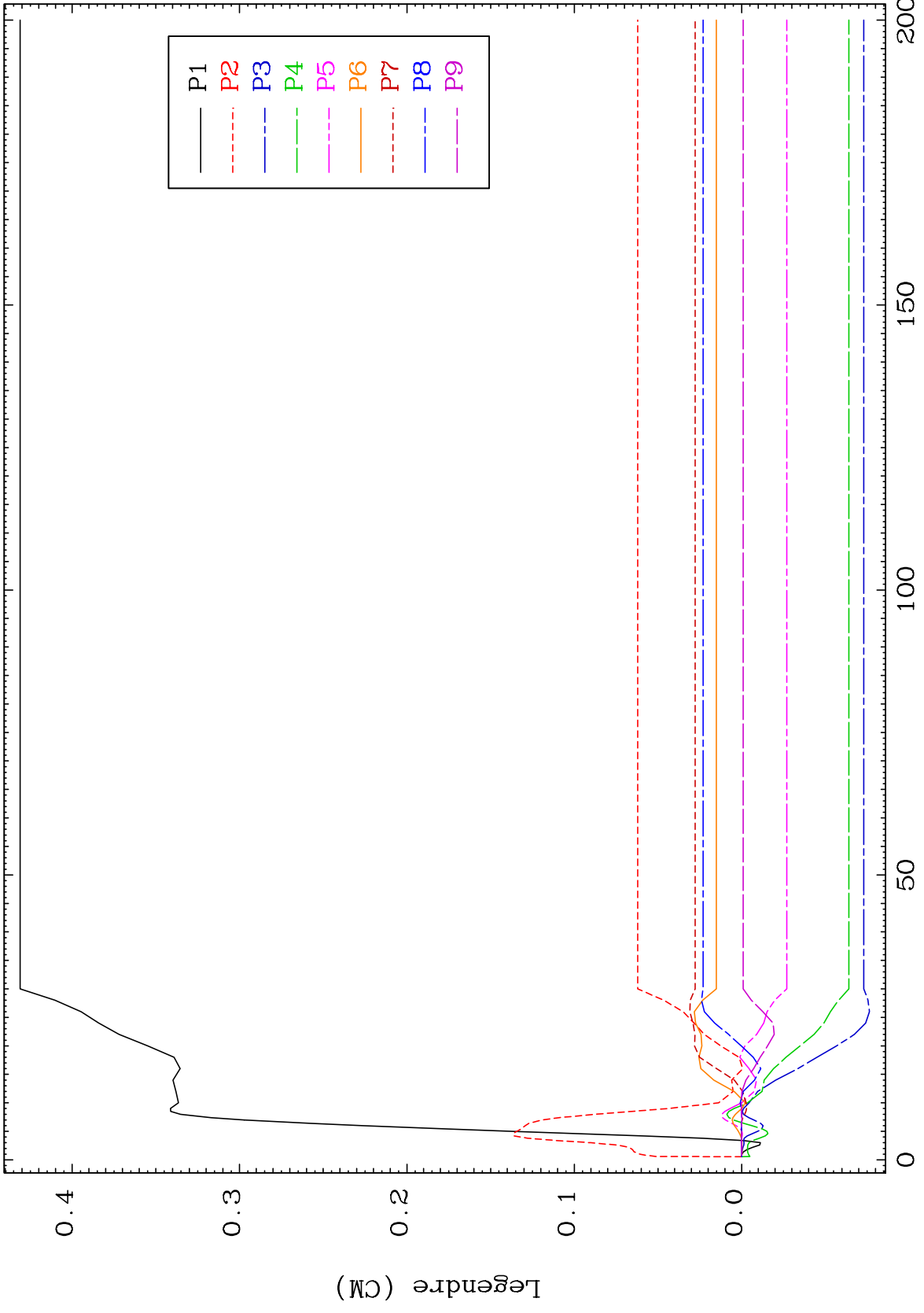
MAT 8004 MT= 65 (n,n') Level Legendre Coefficients 80-Hg-189



79 80-Hg-189



MAT 8004 MT= 66 (n,n') Level Legendre Coefficients 80-Hg-189

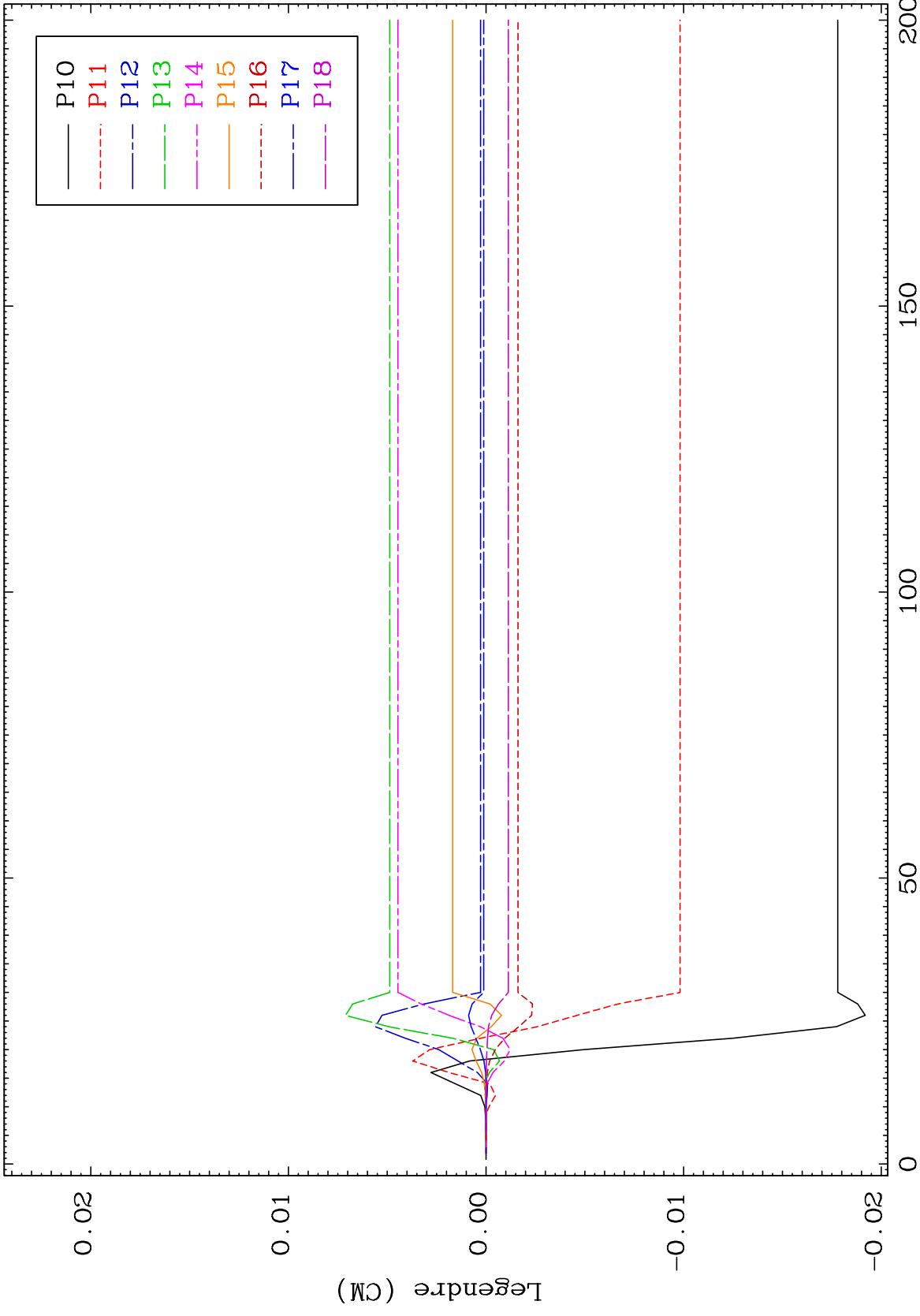


80-Hg-189

MAT 8004

MT= 66 (n,n') Level  
Legendre Coefficients

80-Hg-189



81

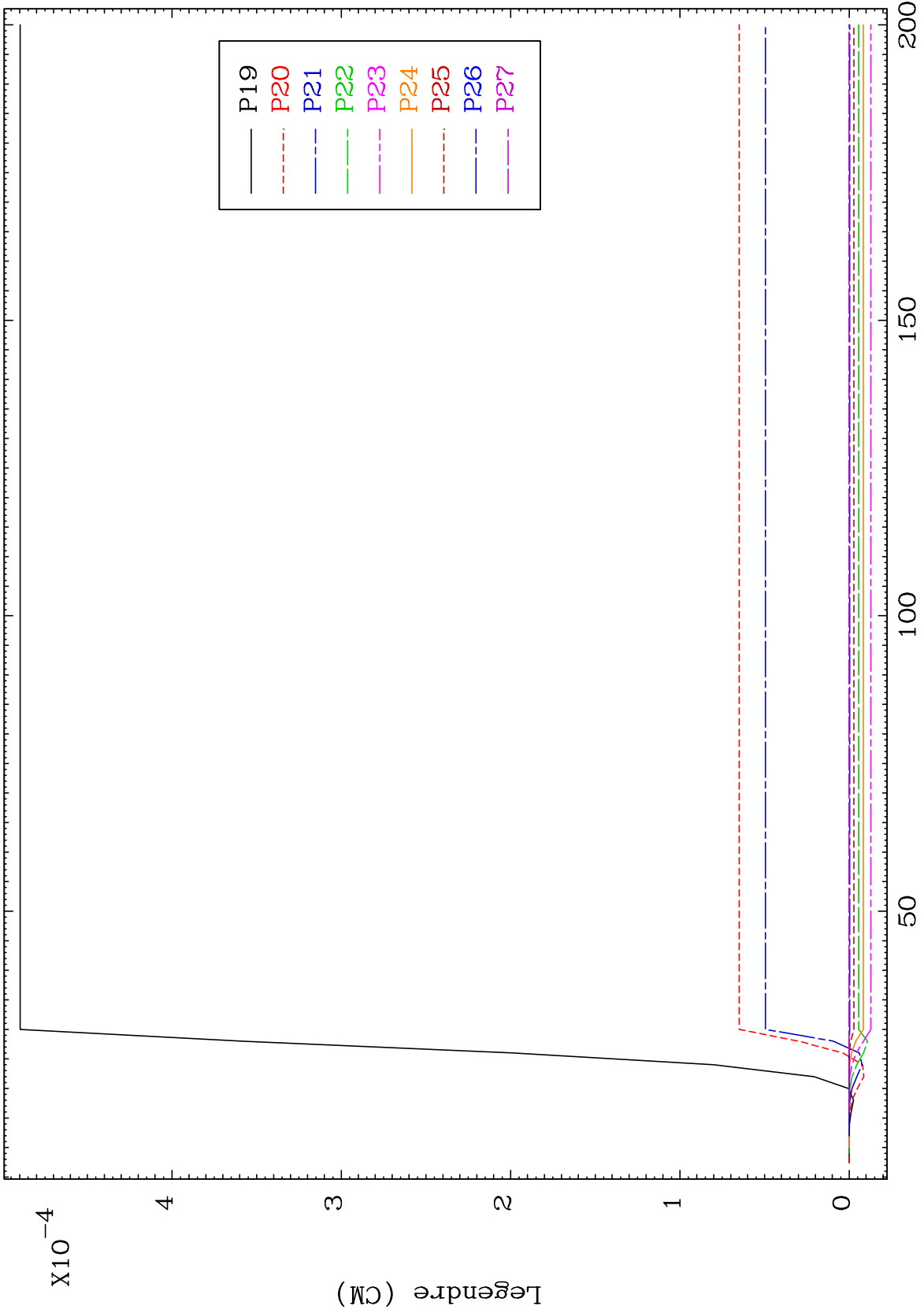
Incident Energy (MeV)

80-Hg-189

MAT 8004

MT= 66 (n,n') Level  
Legendre Coefficients

80-Hg-189



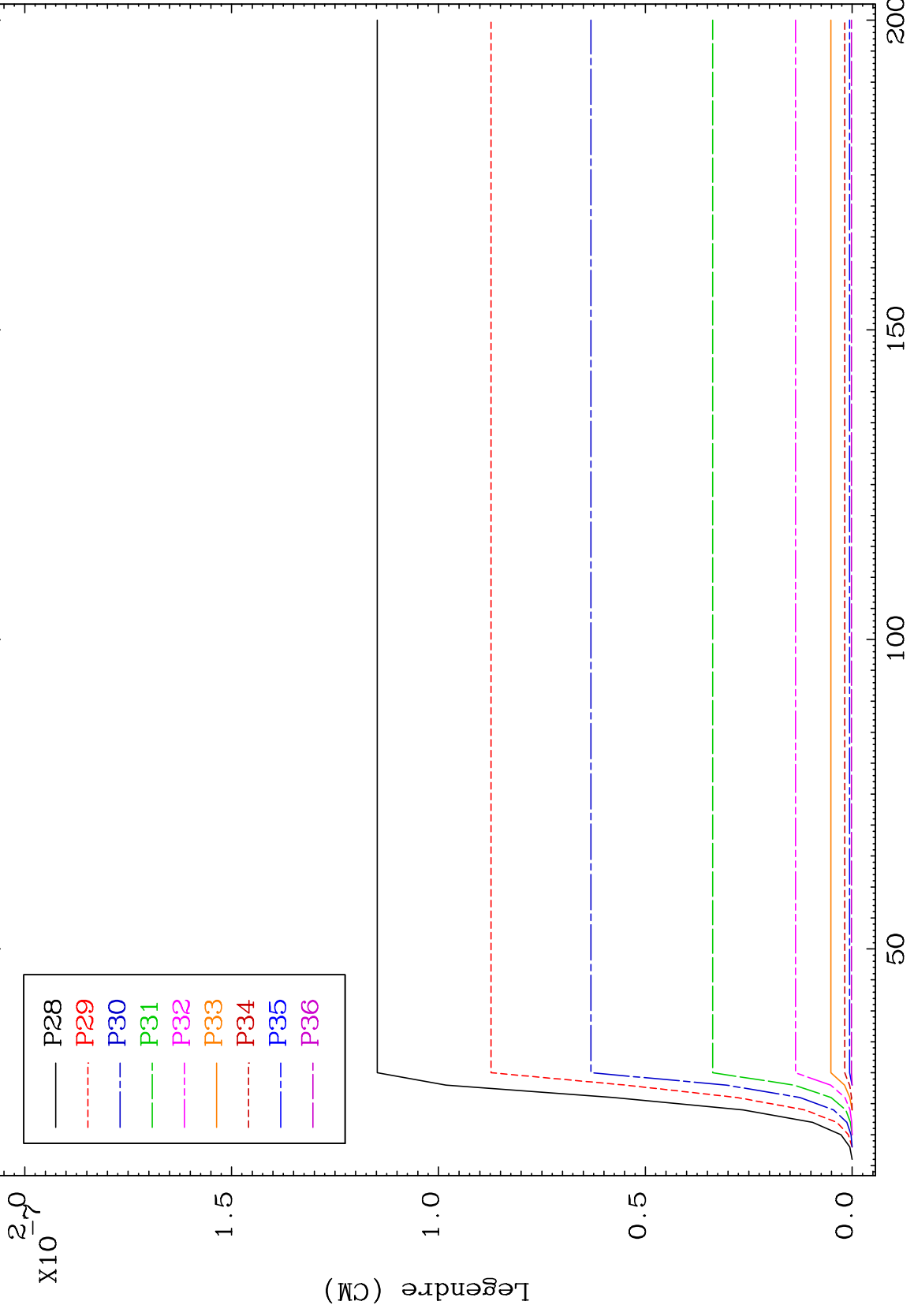
82

80-Hg-189

MAT 8004

MT= 66 (n,n') Level  
Legendre Coefficients

80-Hg-189



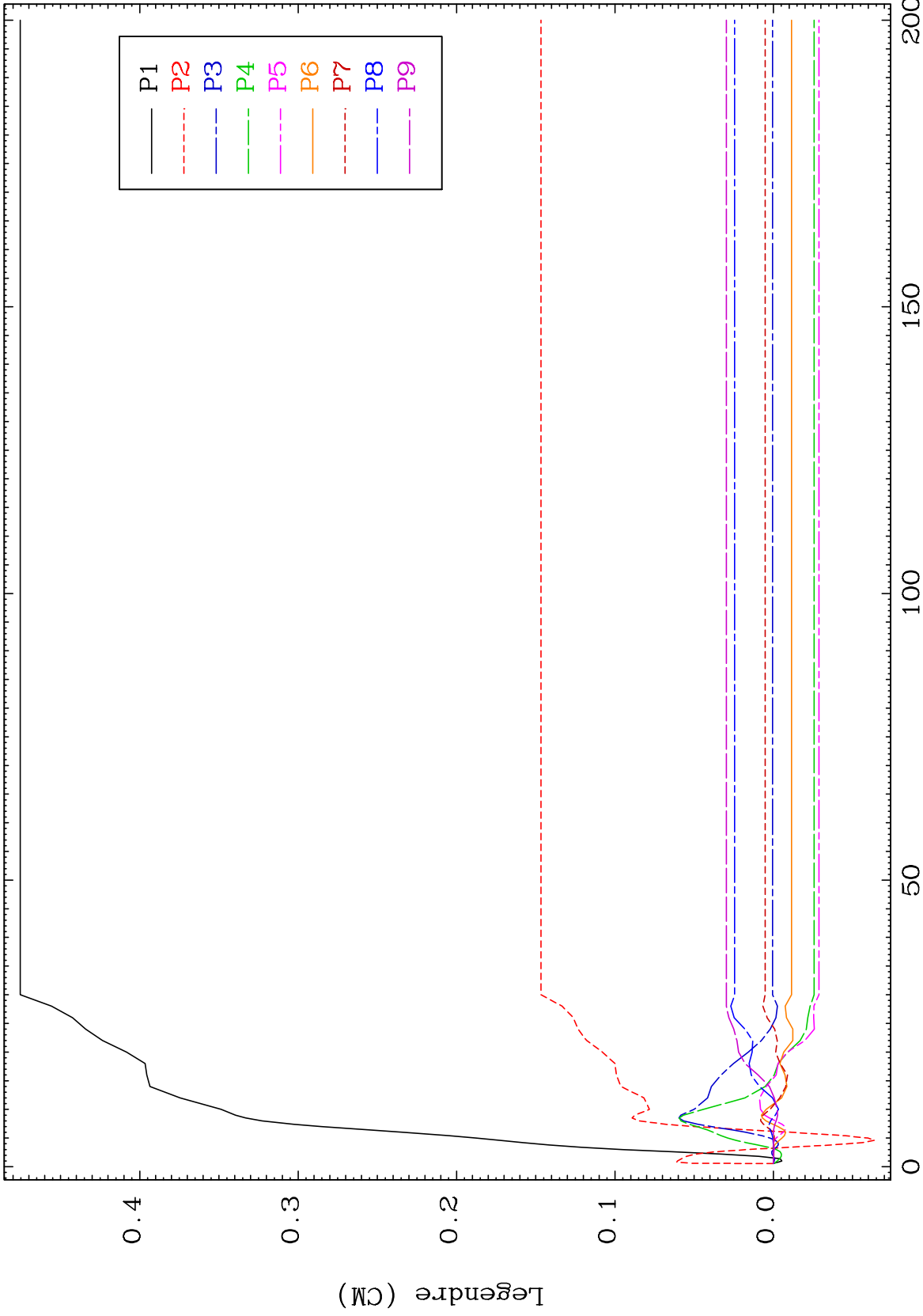
83

80-Hg-189

MAT 8004

MT= 67 (n,n') Level  
Legendre Coefficients

80-Hg-189

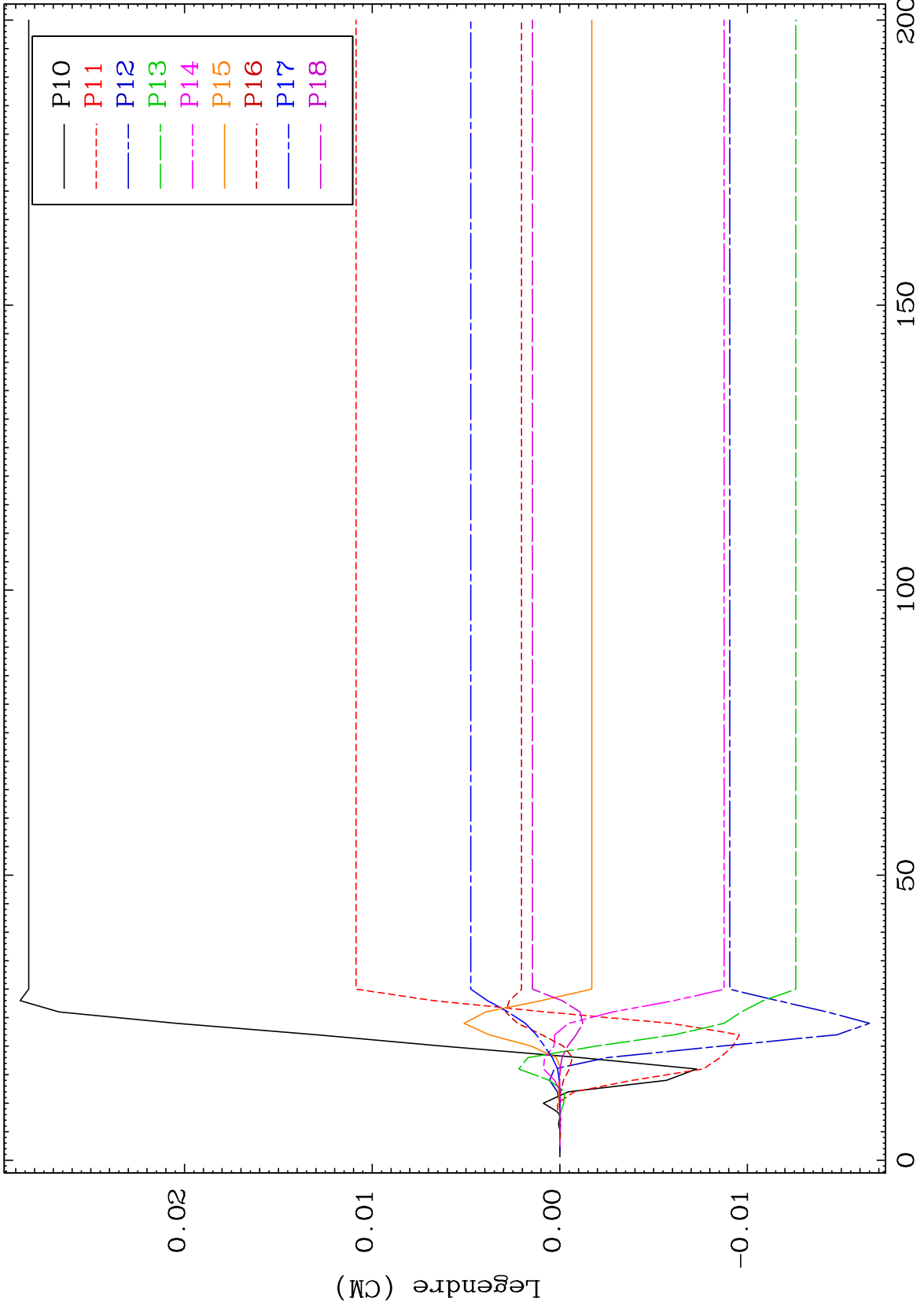


84

MAT 8004

MT= 67 (n,n') Level  
Legendre Coefficients

80-Hg-189



80-Hg-189

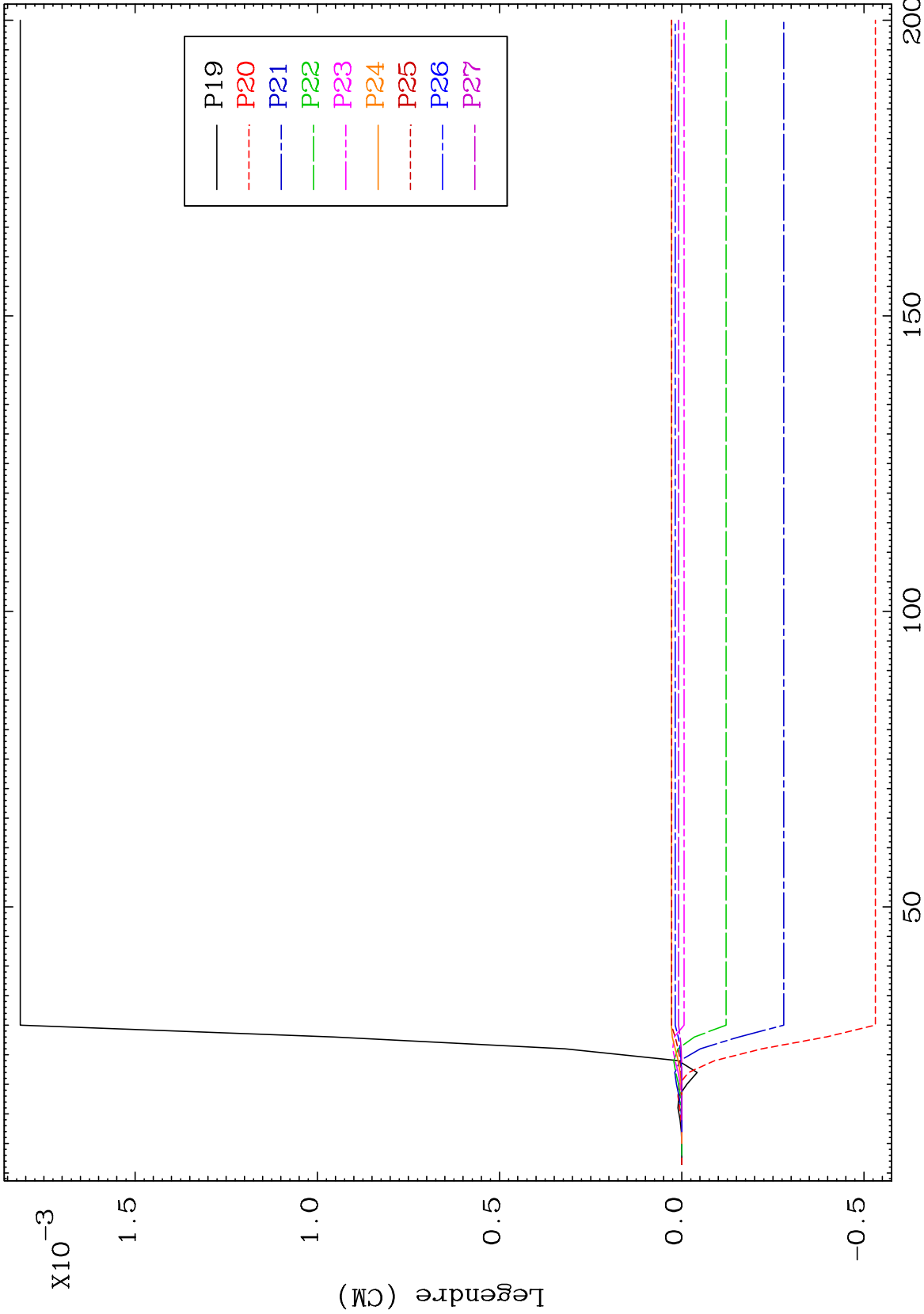
Incident Energy (MeV)

85

MAT 8004

MT= 67 (n,n') Level  
Legendre Coefficients

80-Hg-189



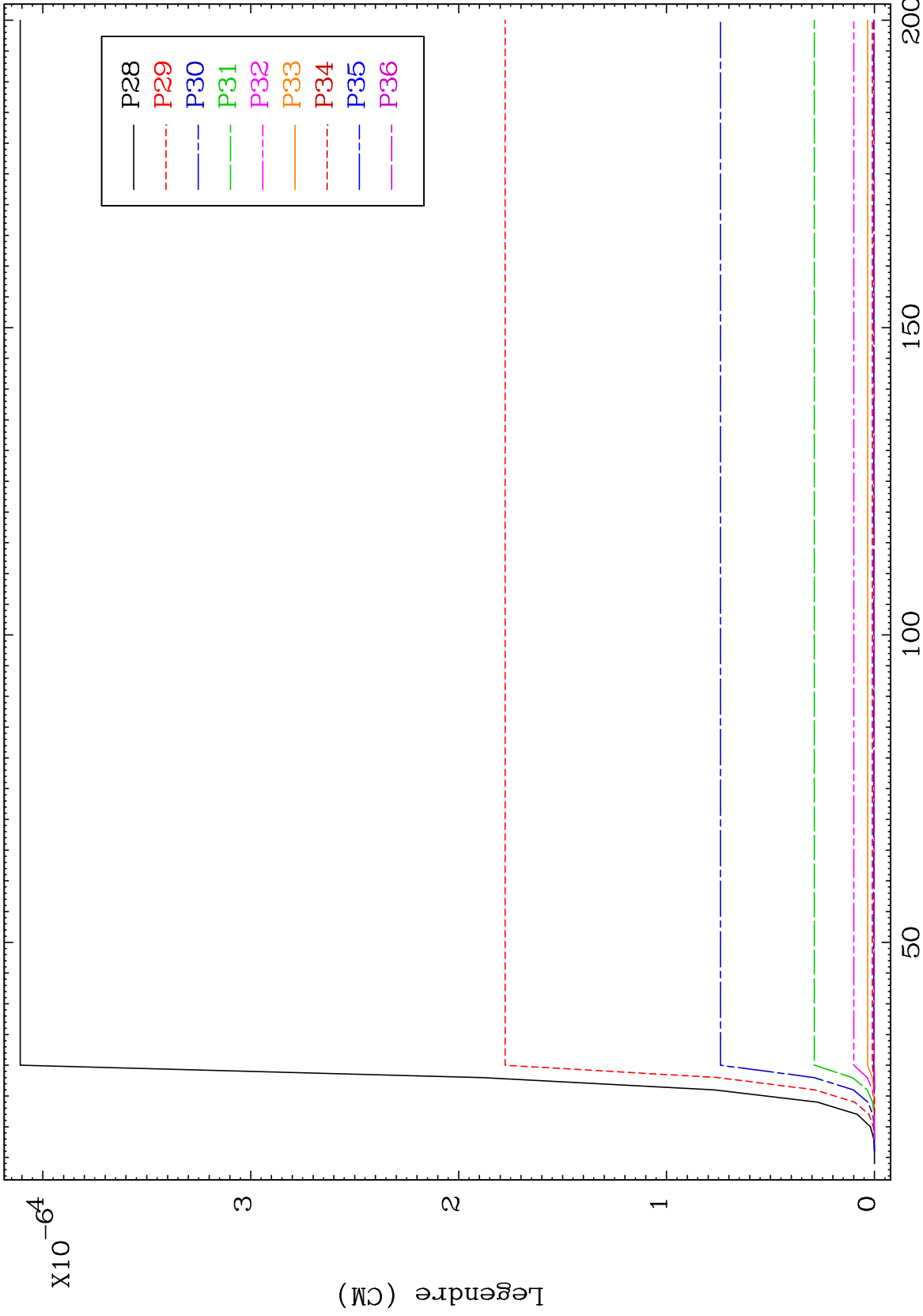
86

80-Hg-189

MAT 8004

MT= 67 (n,n') Level  
Legendre Coefficients

80-Hg-189



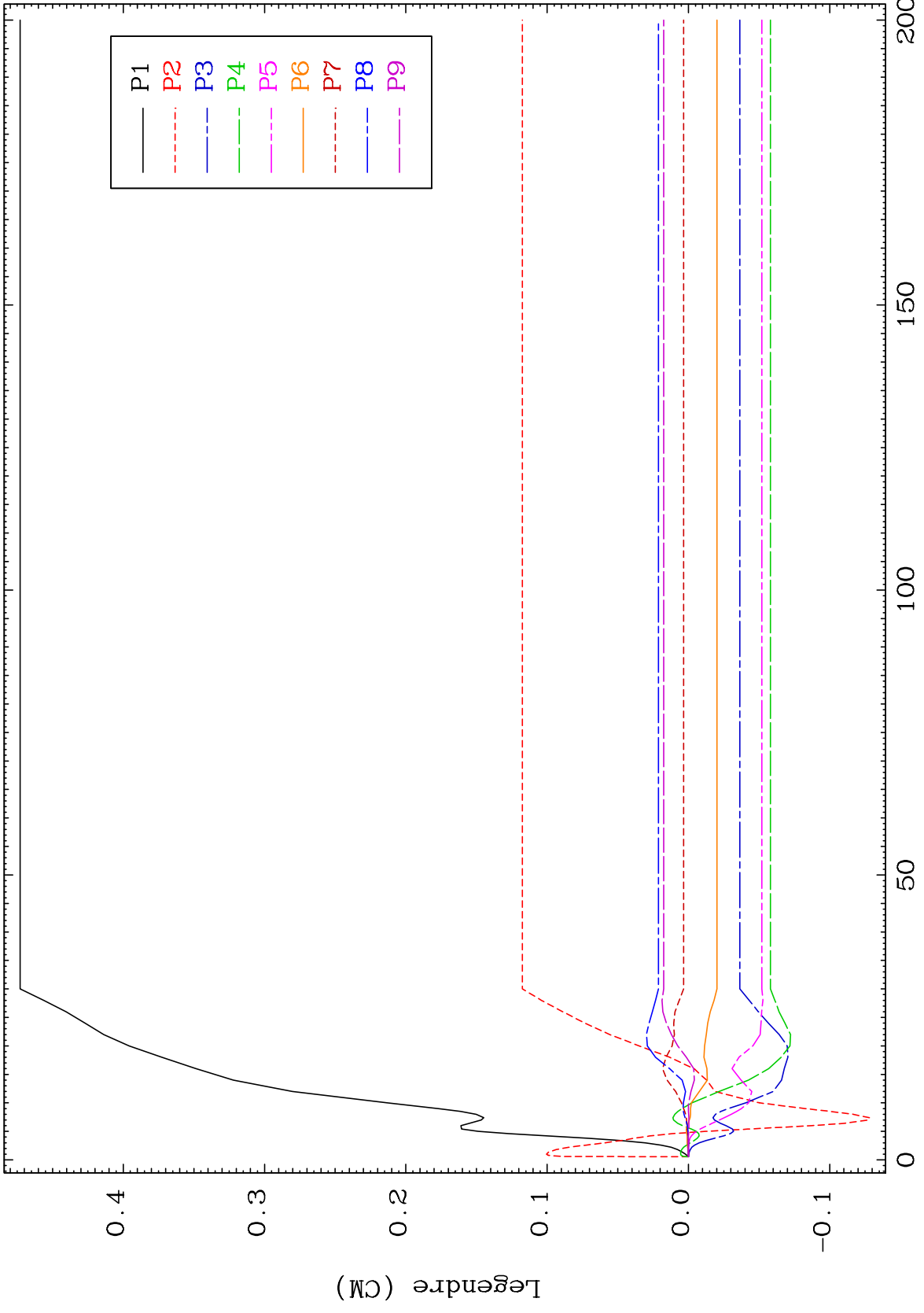
87

Incident Energy (MeV)

80-Hg-189



MAT 8004 MT= 68 (n,n') Level Legendre Coefficients 80-Hg-189

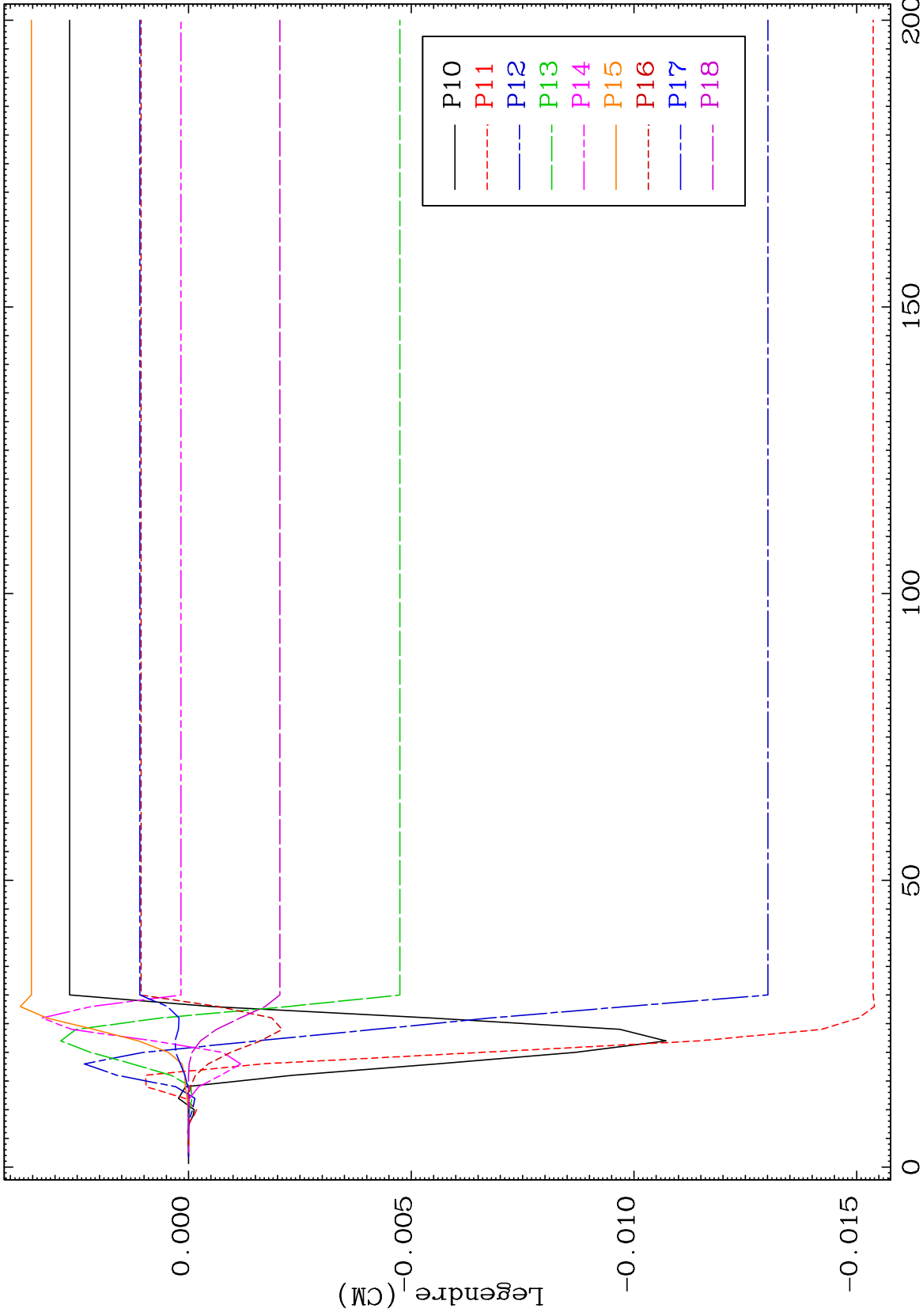


88 Incident Energy (MeV) 80-Hg-189

MAT 8004

MT= 68 (n,n') Level  
Legendre Coefficients

80-Hg-189



89

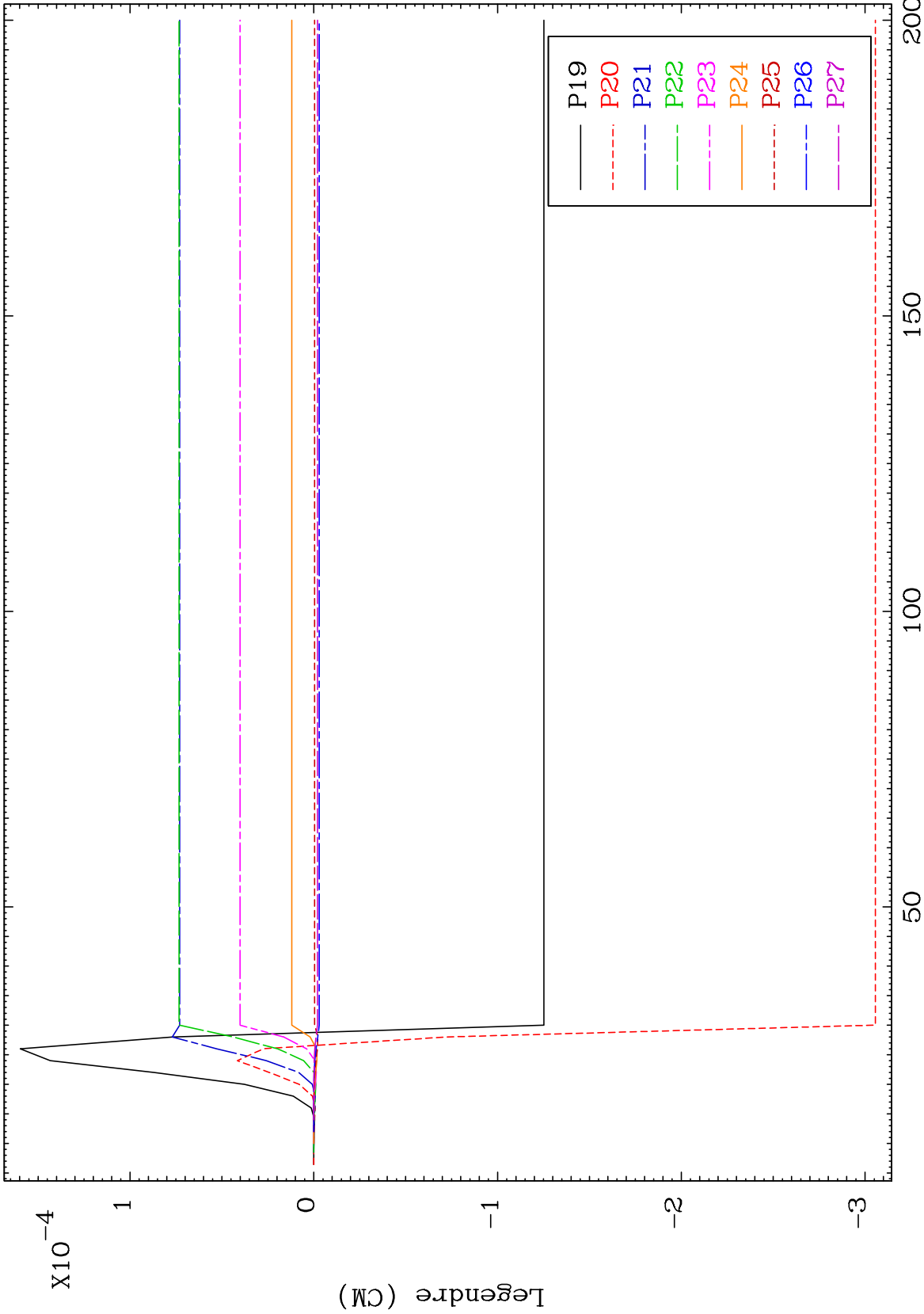
Incident Energy (MeV)

80-Hg-189

MAT 8004

MT= 68 (n,n') Level  
Legendre Coefficients

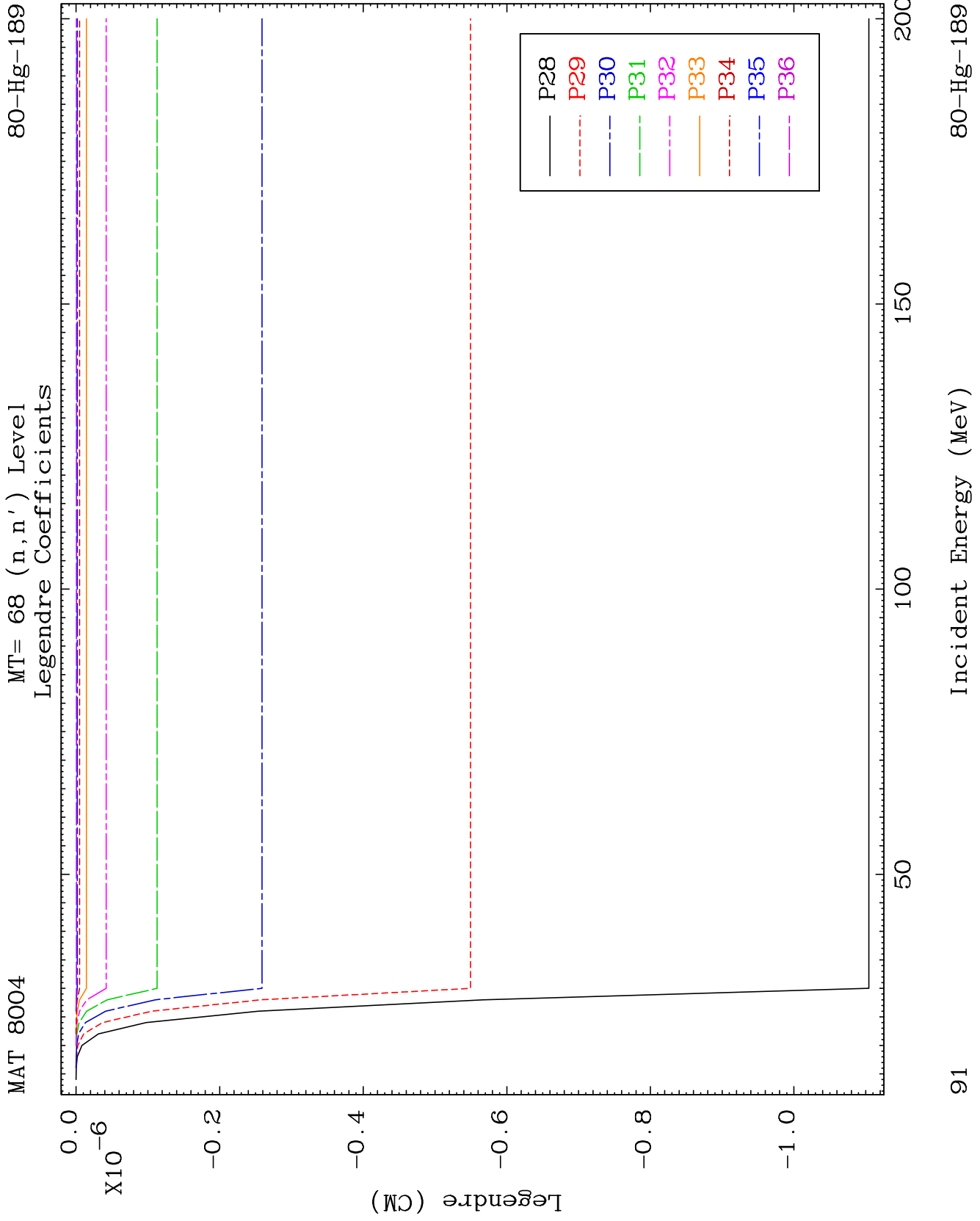
80-Hg-189



90

80-Hg-189

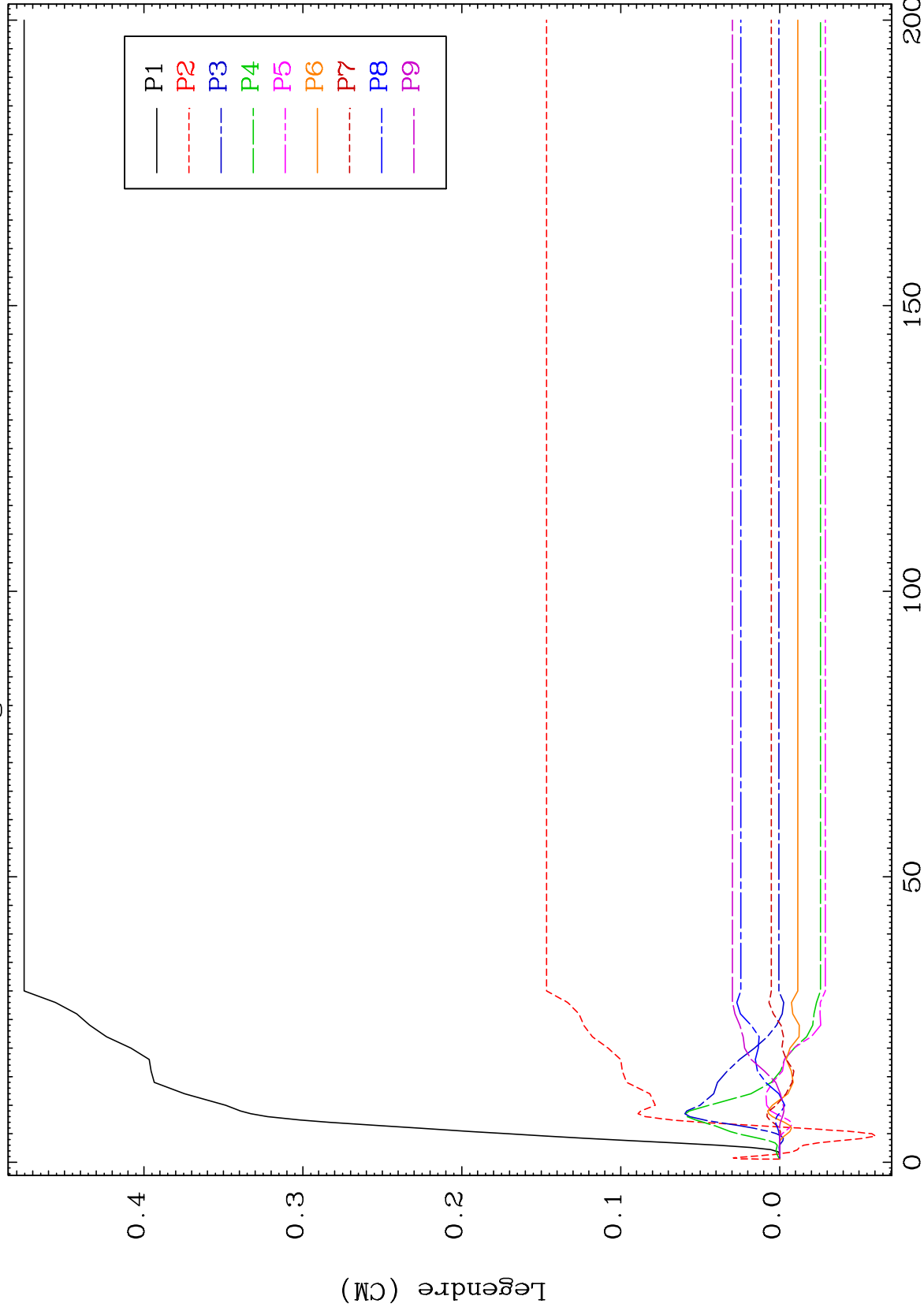
200



MAT 8004

MT= 69 (n,n') Level  
Legendre Coefficients

80-Hg-189



92

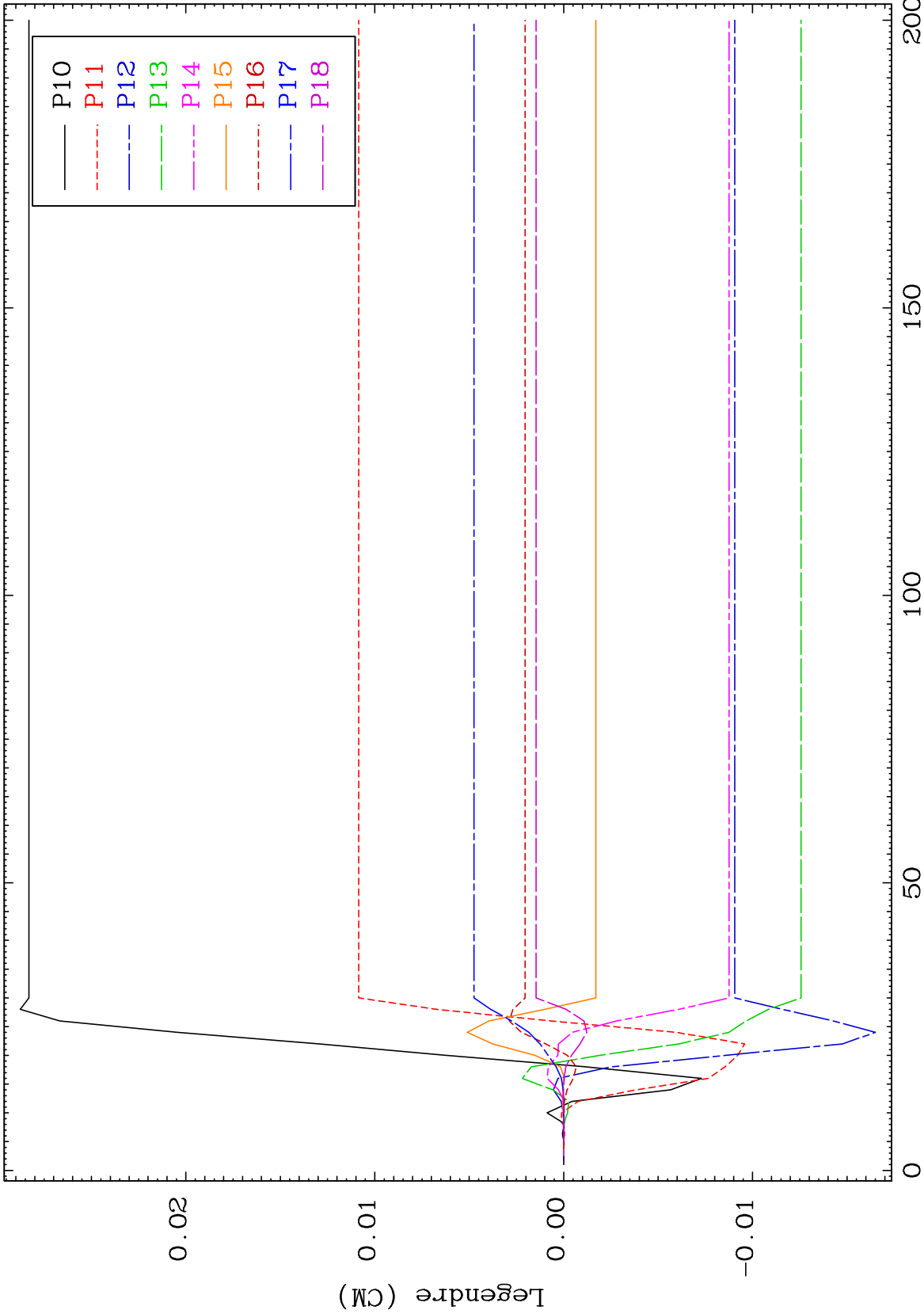
Incident Energy (MeV)

80-Hg-189

MAT 8004

MT= 69 (n,n') Level  
Legendre Coefficients

80-Hg-189



93

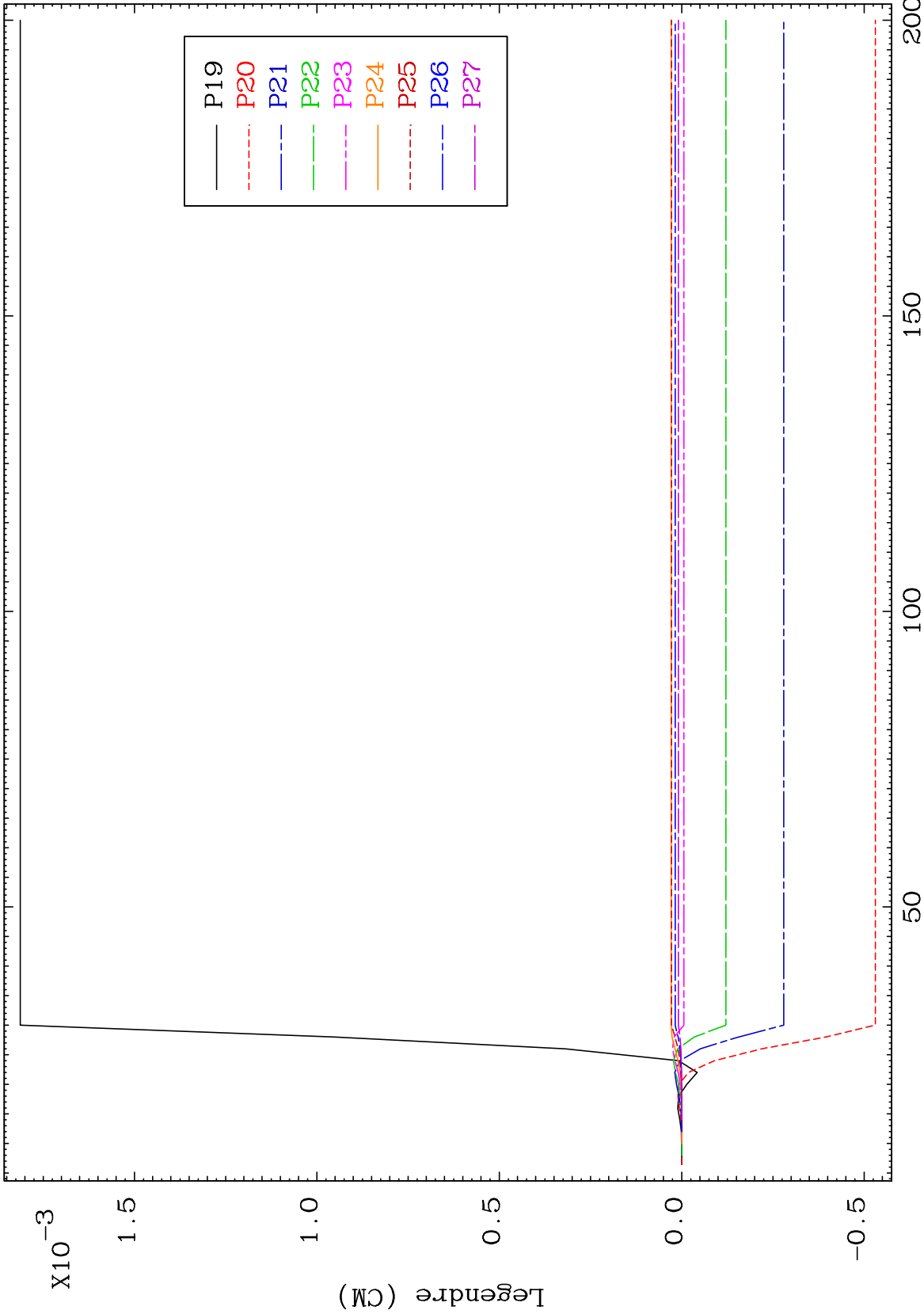
Incident Energy (MeV)

80-Hg-189

MAT 8004

MT= 69 (n,n') Level  
Legendre Coefficients

80-Hg-189



94

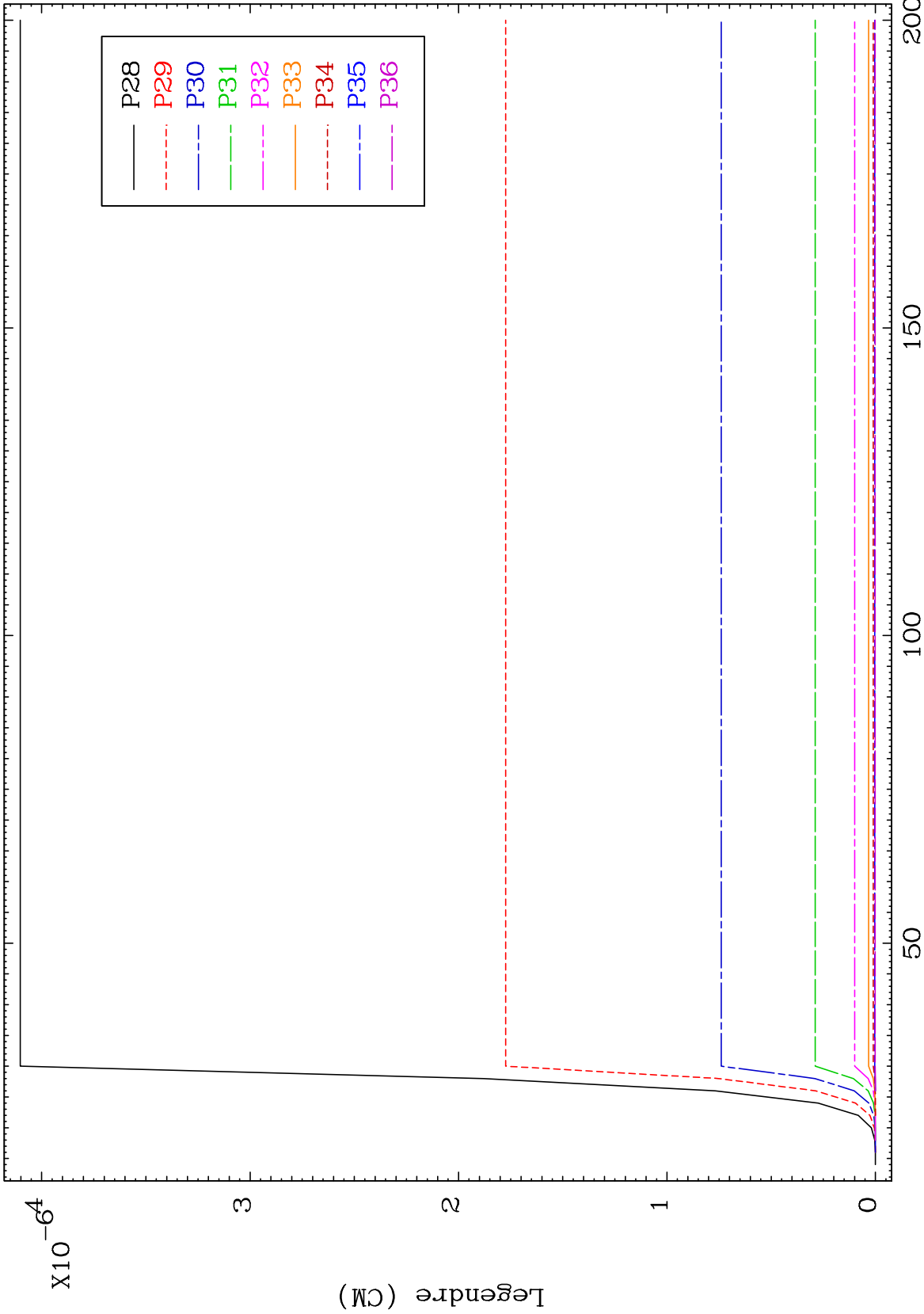
Incident Energy (MeV)

80-Hg-189

MAT 8004

MT= 69 (n,n') Level  
Legendre Coefficients

80-Hg-189



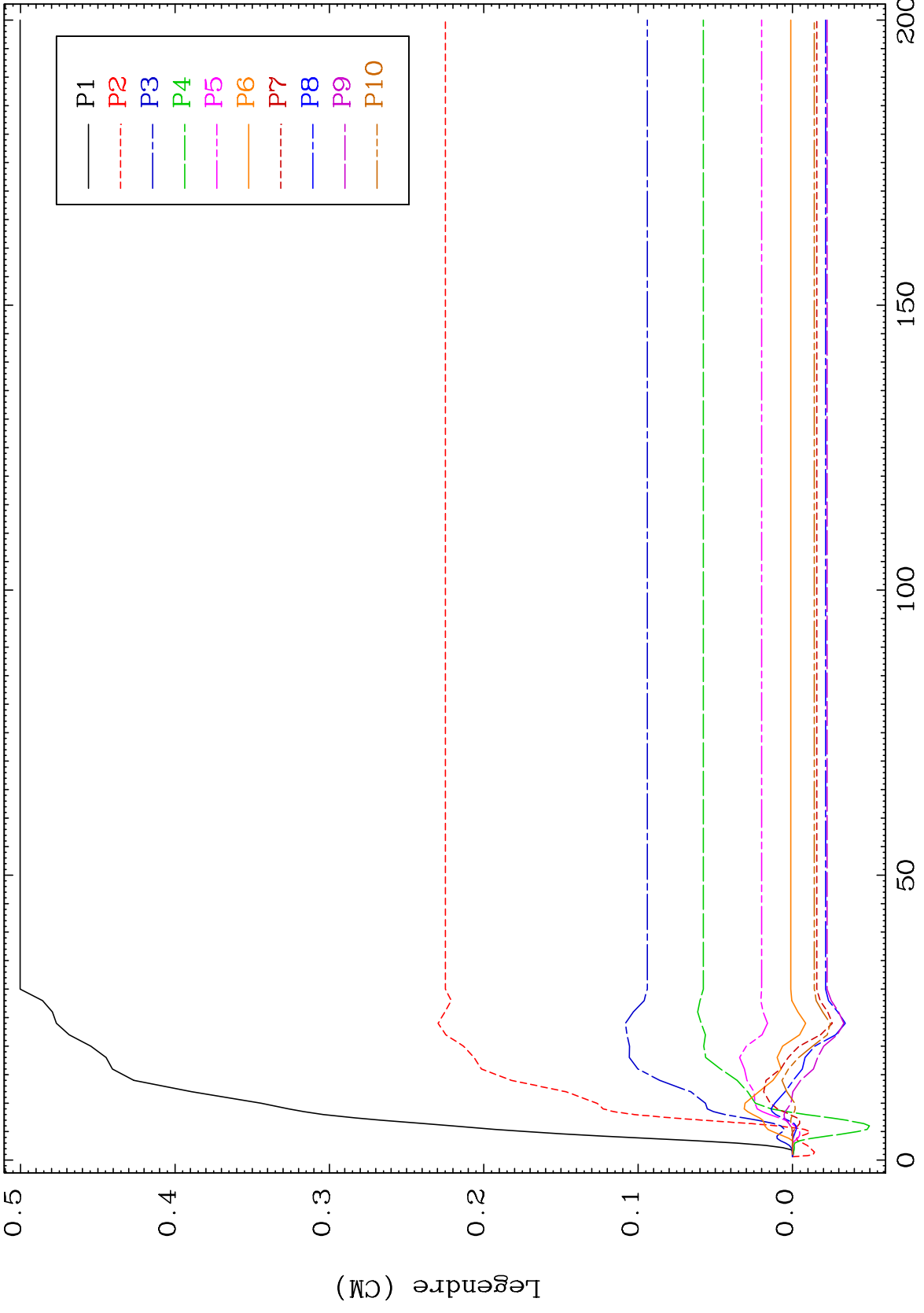
95

Incident Energy (MeV)

80-Hg-189



MAT 8004 MT= 70 (n,n') Level Legendre Coefficients 80-Hg-189

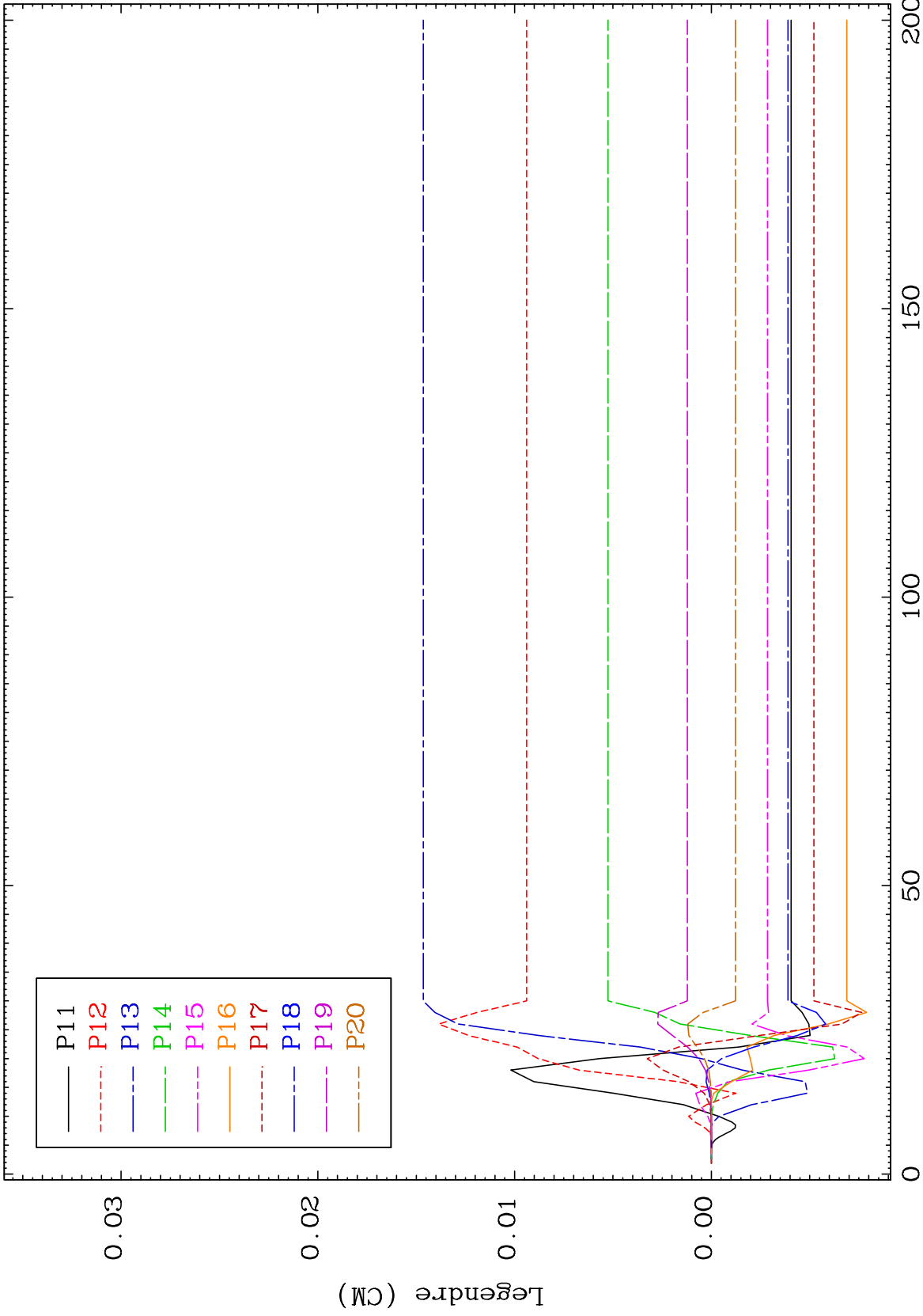


96 80-Hg-189

MAT 8004

MT= 70 (n,n') Level  
Legendre Coefficients

80-Hg-189



97

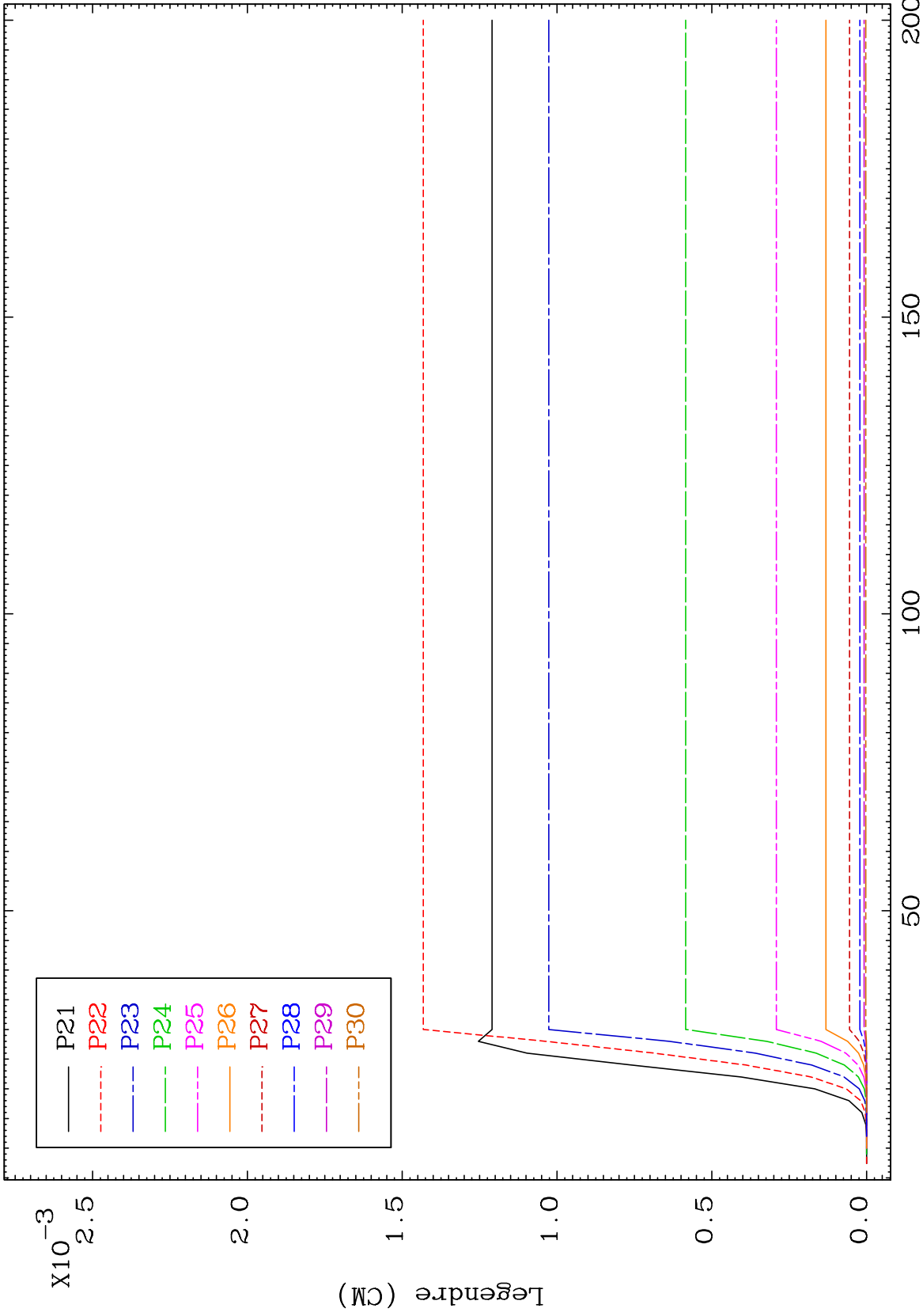
Incident Energy (MeV)

80-Hg-189

MAT 8004

MT= 70 (n,n') Level  
Legendre Coefficients

80-Hg-189



98

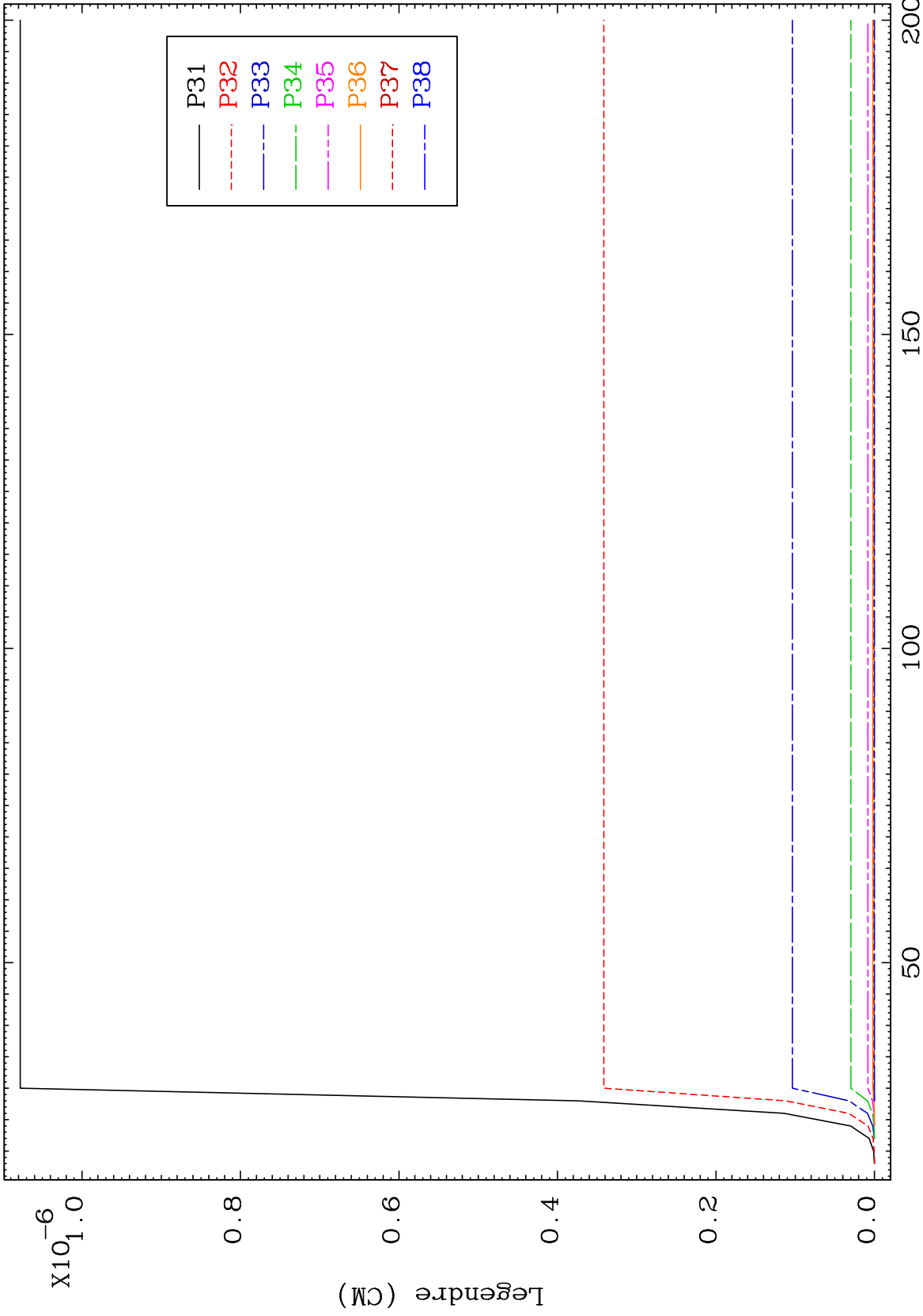
Incident Energy (MeV)

80-Hg-189

MAT 8004

MT= 70 (n,n') Level  
Legendre Coefficients

80-Hg-189



99

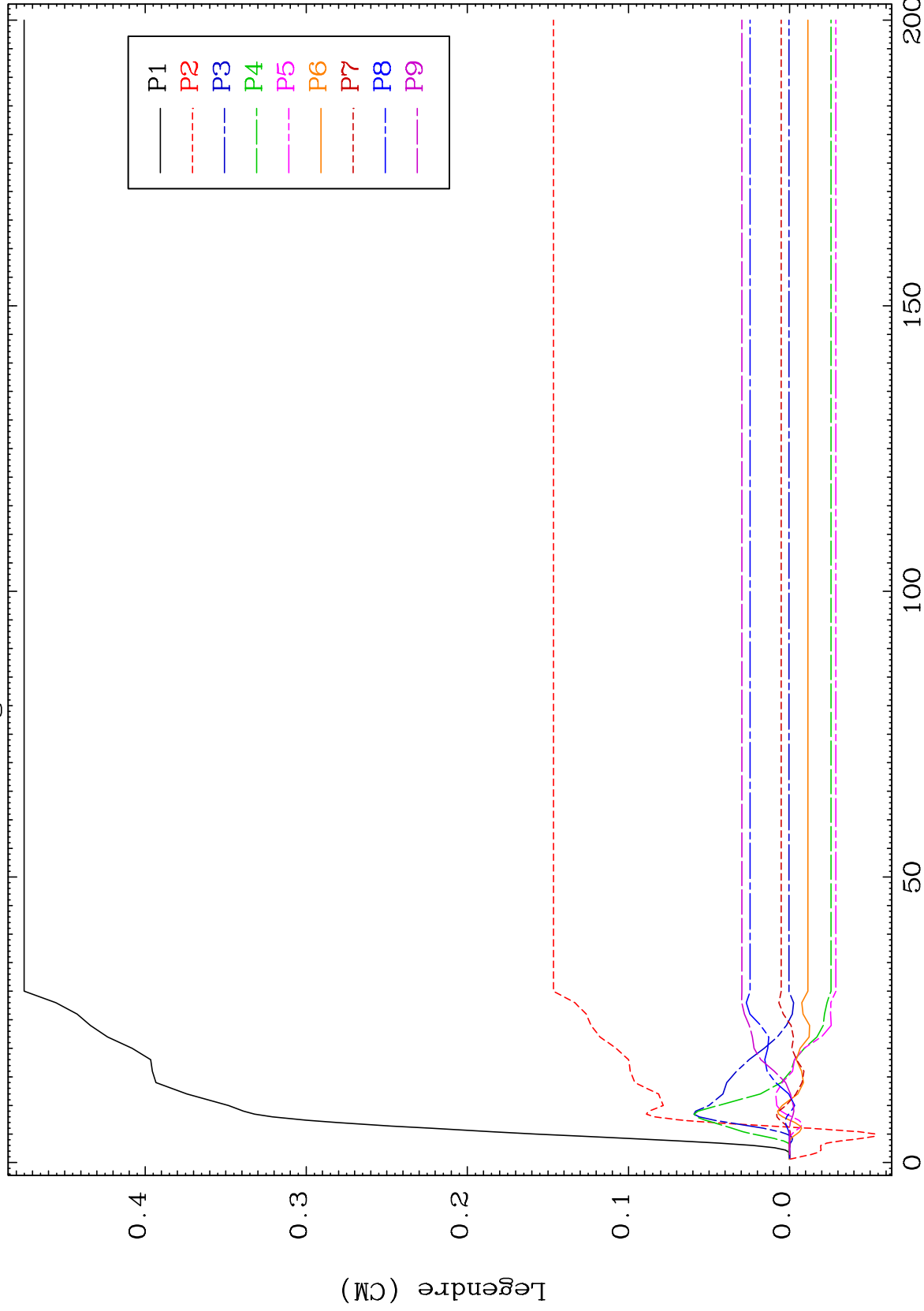
Incident Energy (MeV)

80-Hg-189

MAT 8004

MT= 71 (n,n') Level  
Legendre Coefficients

80-Hg-189



80-Hg-189

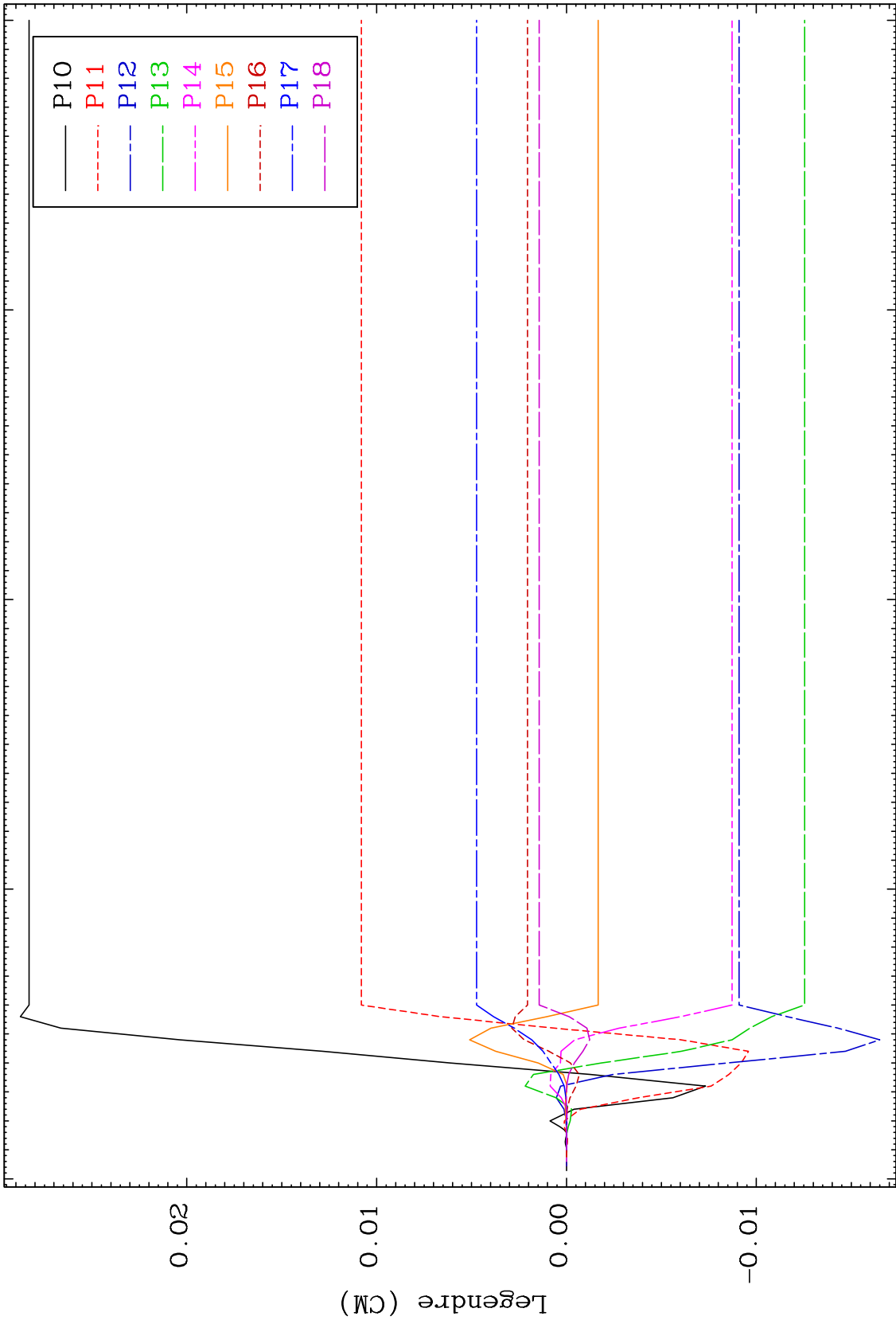
Incident Energy (MeV)

Legendre (CM)

MAT 8004

MT= 71 (n,n') Level  
Legendre Coefficients

80-Hg-189



101

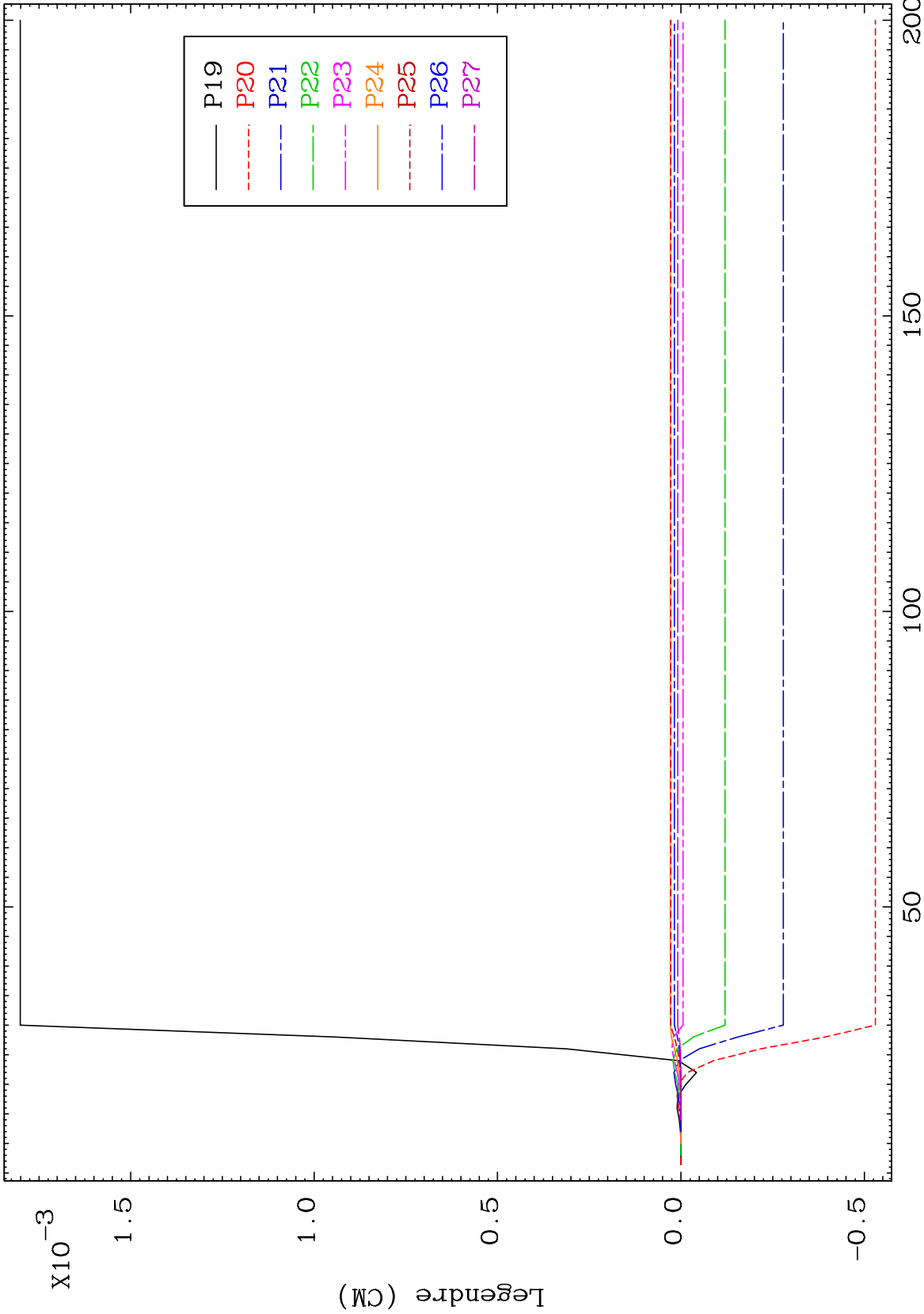
Incident Energy (MeV)

80-Hg-189

MAT 8004

MT= 71 (n,n') Level  
Legendre Coefficients

80-Hg-189



102

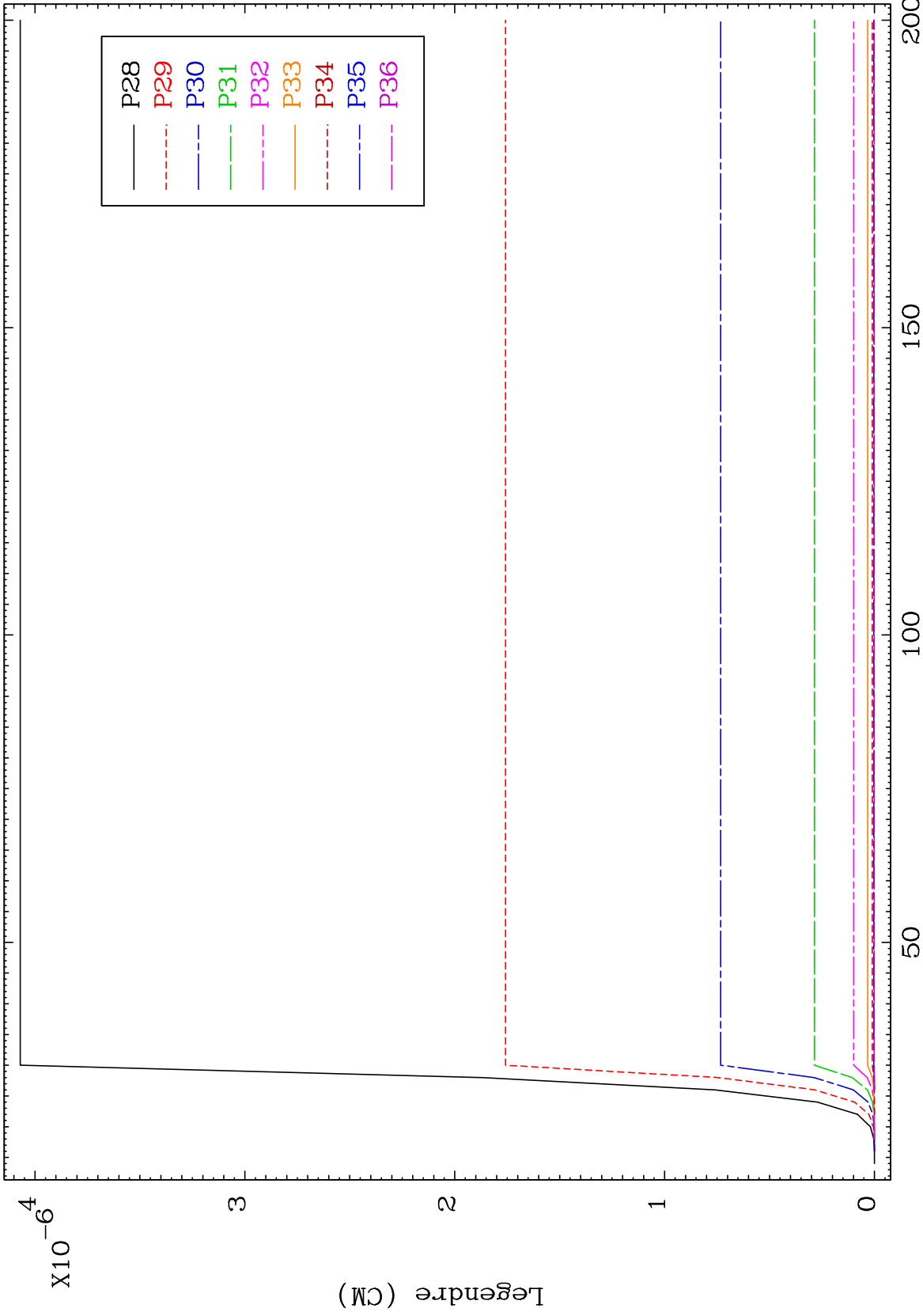
Incident Energy (MeV)

80-Hg-189

MAT 8004

MT= 71 (n,n') Level  
Legendre Coefficients

80-Hg-189



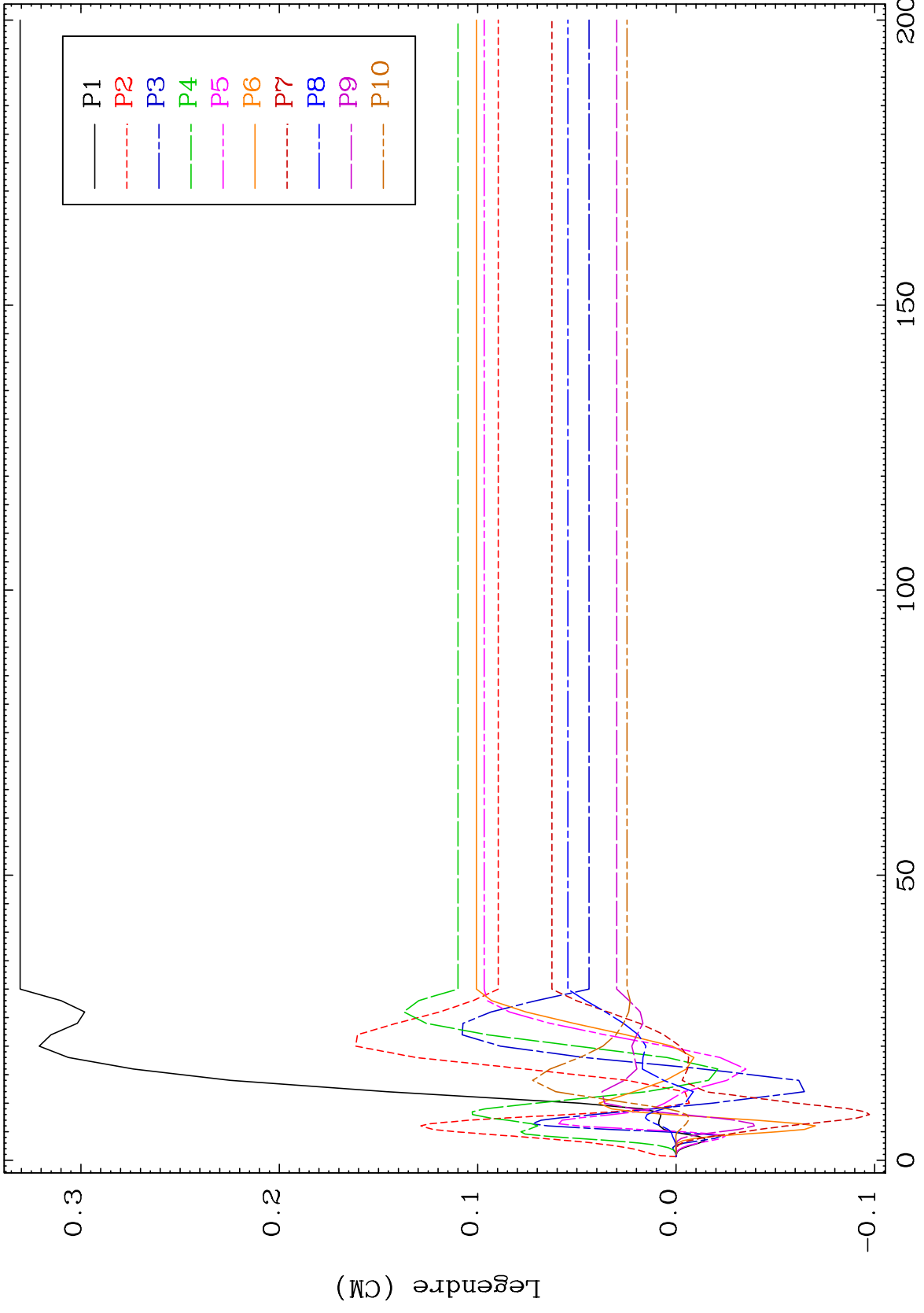
103

Incident Energy (MeV)

80-Hg-189



MAT 8004 MT= 72 (n,n') Level Legendre Coefficients 80-Hg-189

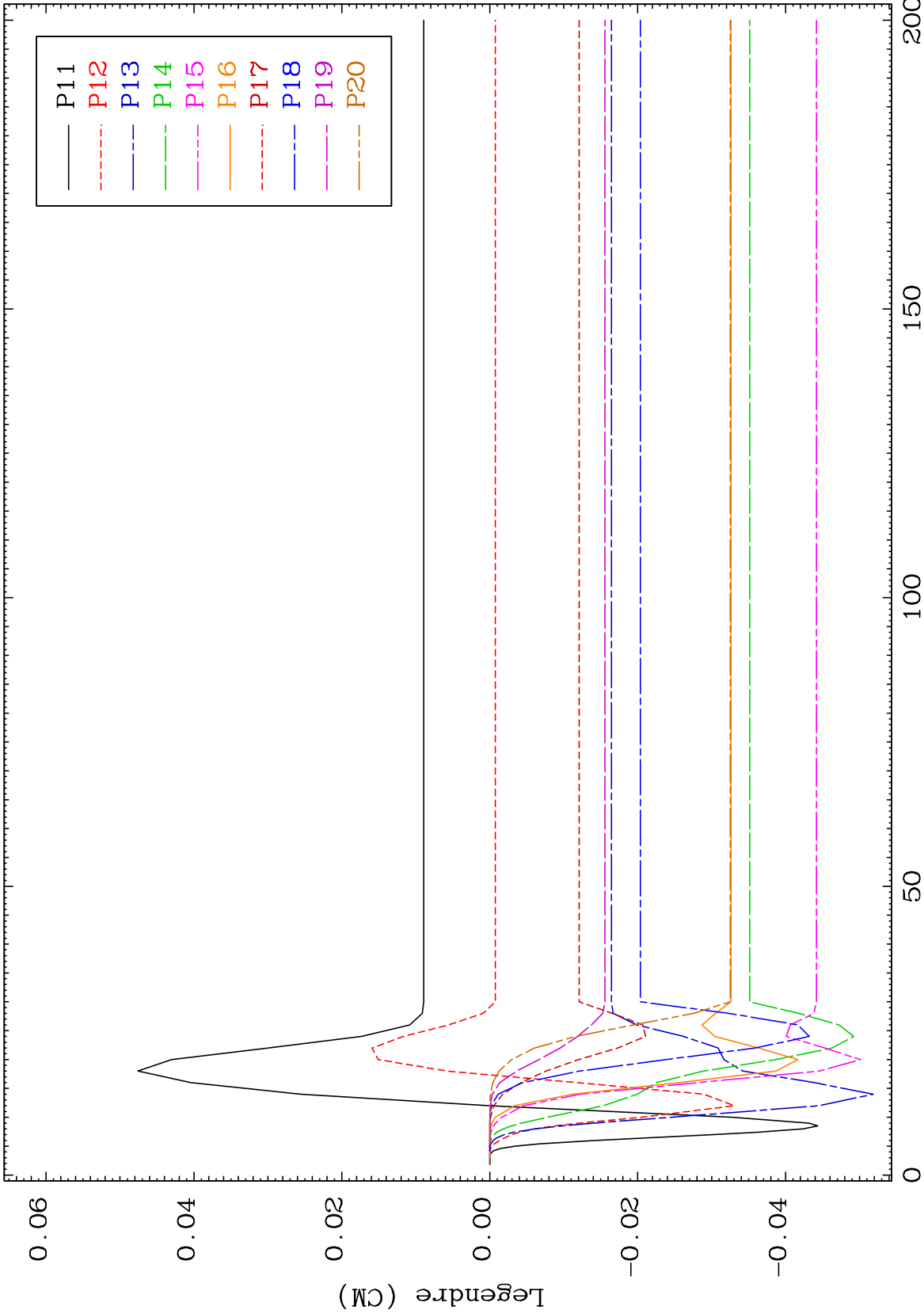


104 80-Hg-189

MAT 8004

MT= 72 (n,n') Level  
Legendre Coefficients

80-Hg-189



80-Hg-189

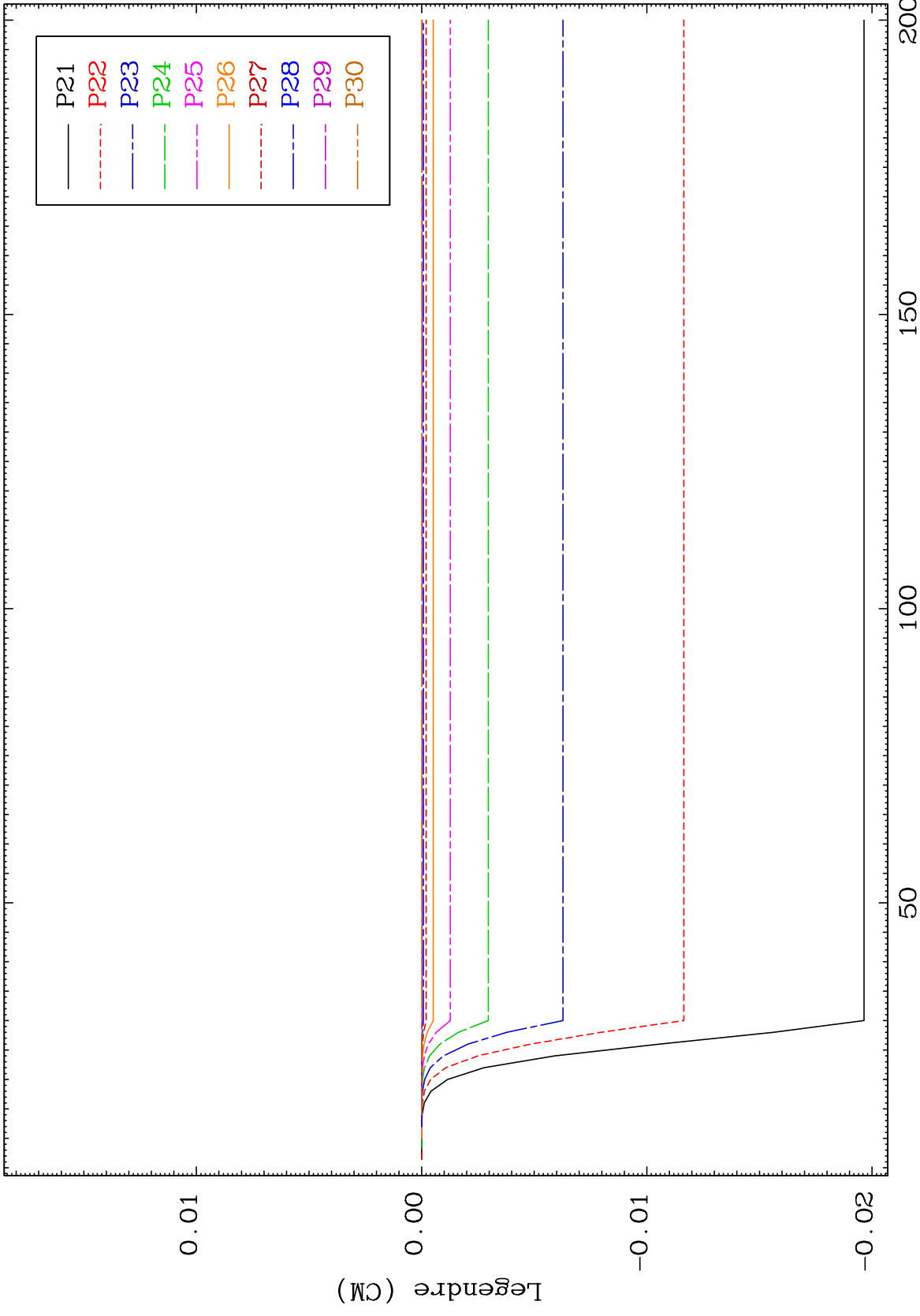
Incident Energy (MeV)

105

MAT 8004

MT= 72 (n,n') Level  
Legendre Coefficients

80-Hg-189

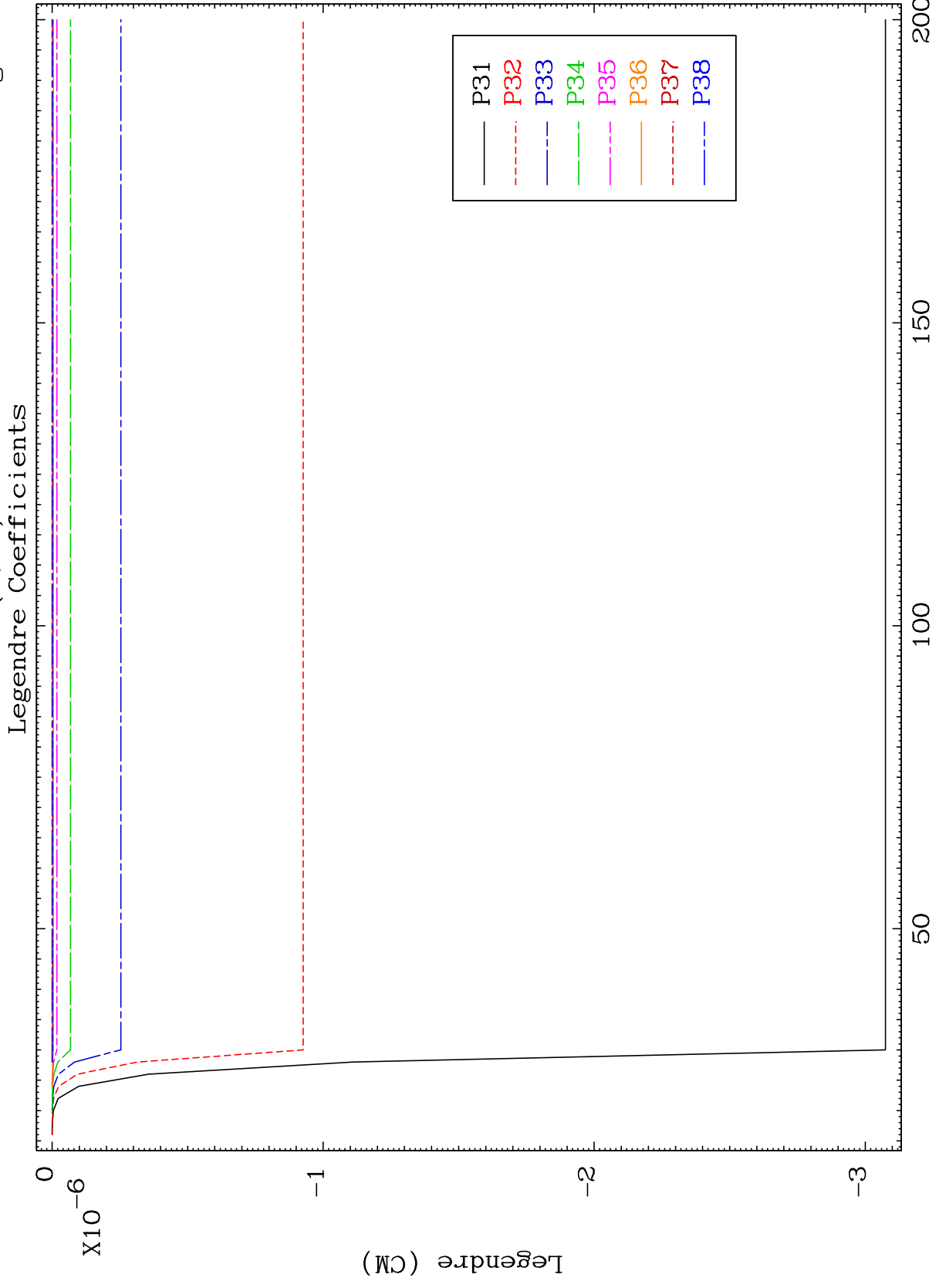


106

Incident Energy (MeV)

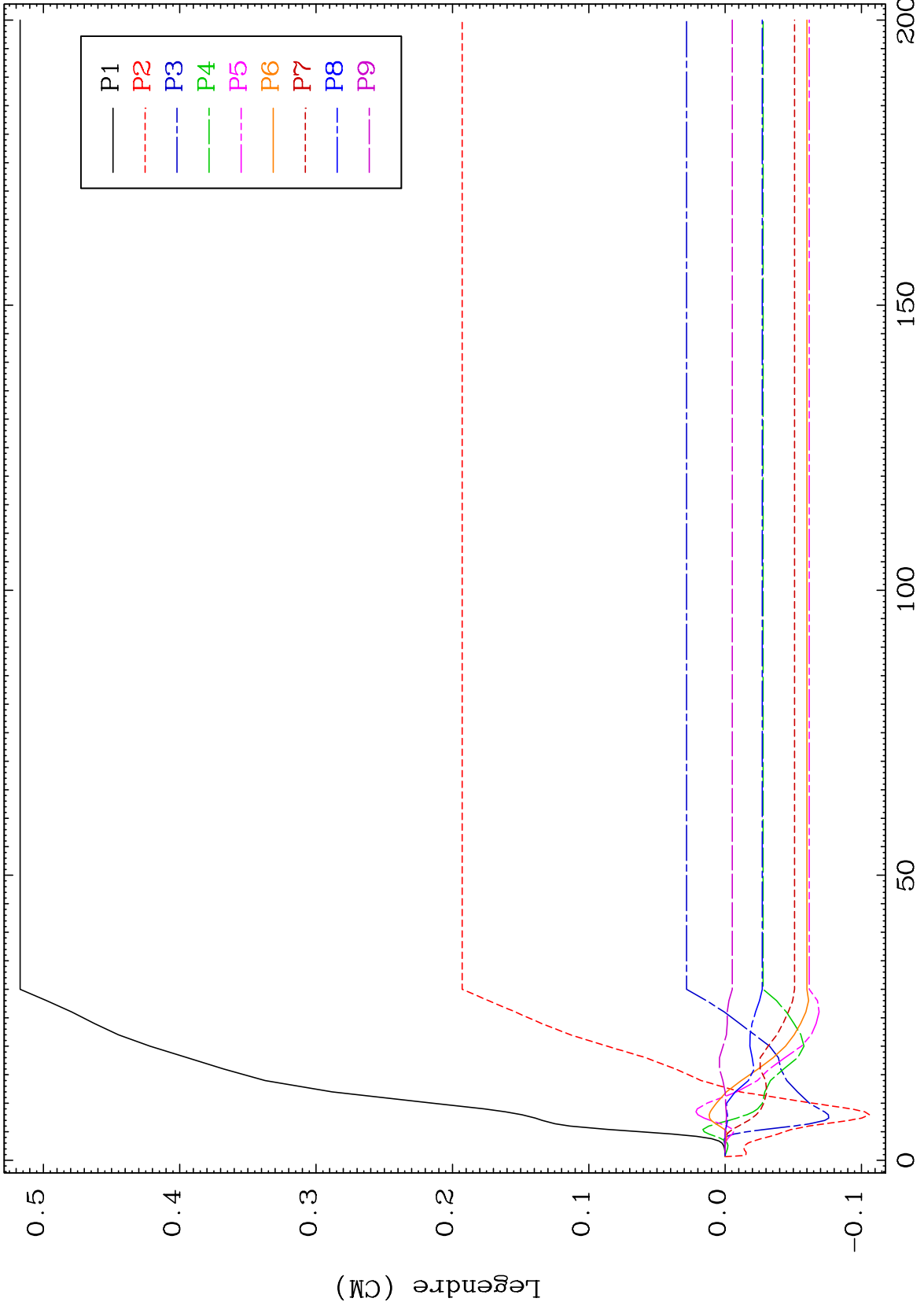
80-Hg-189

MAT 8004 MT= 72 (n,n') Level Legendre Coefficients 80-Hg-189



107 80-Hg-189

MAT 8004 MT= 73 (n,n') Level Legendre Coefficients 80-Hg-189

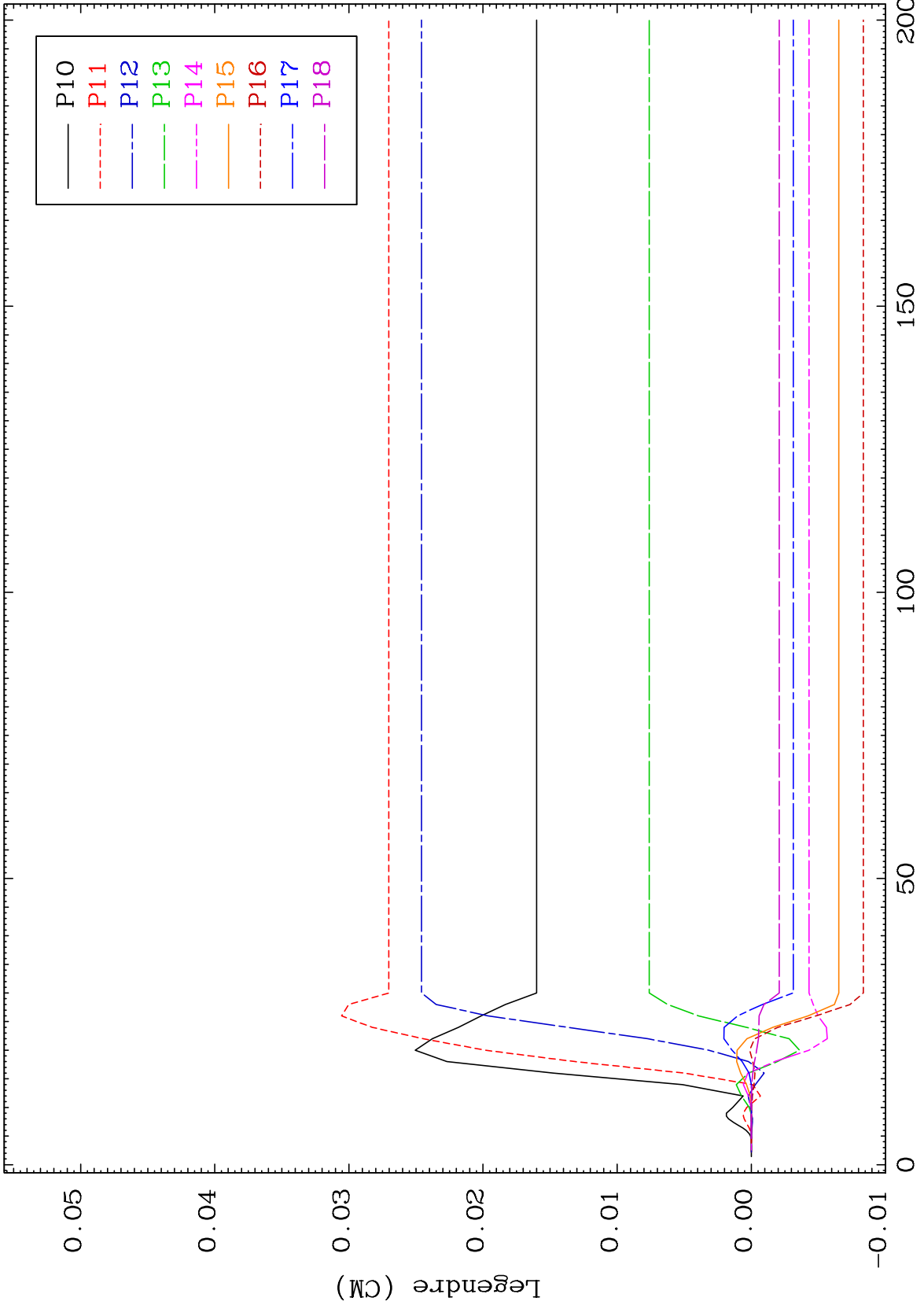


108 80-Hg-189

MAT 8004

MT= 73 (n,n') Level  
Legendre Coefficients

80-Hg-189



109

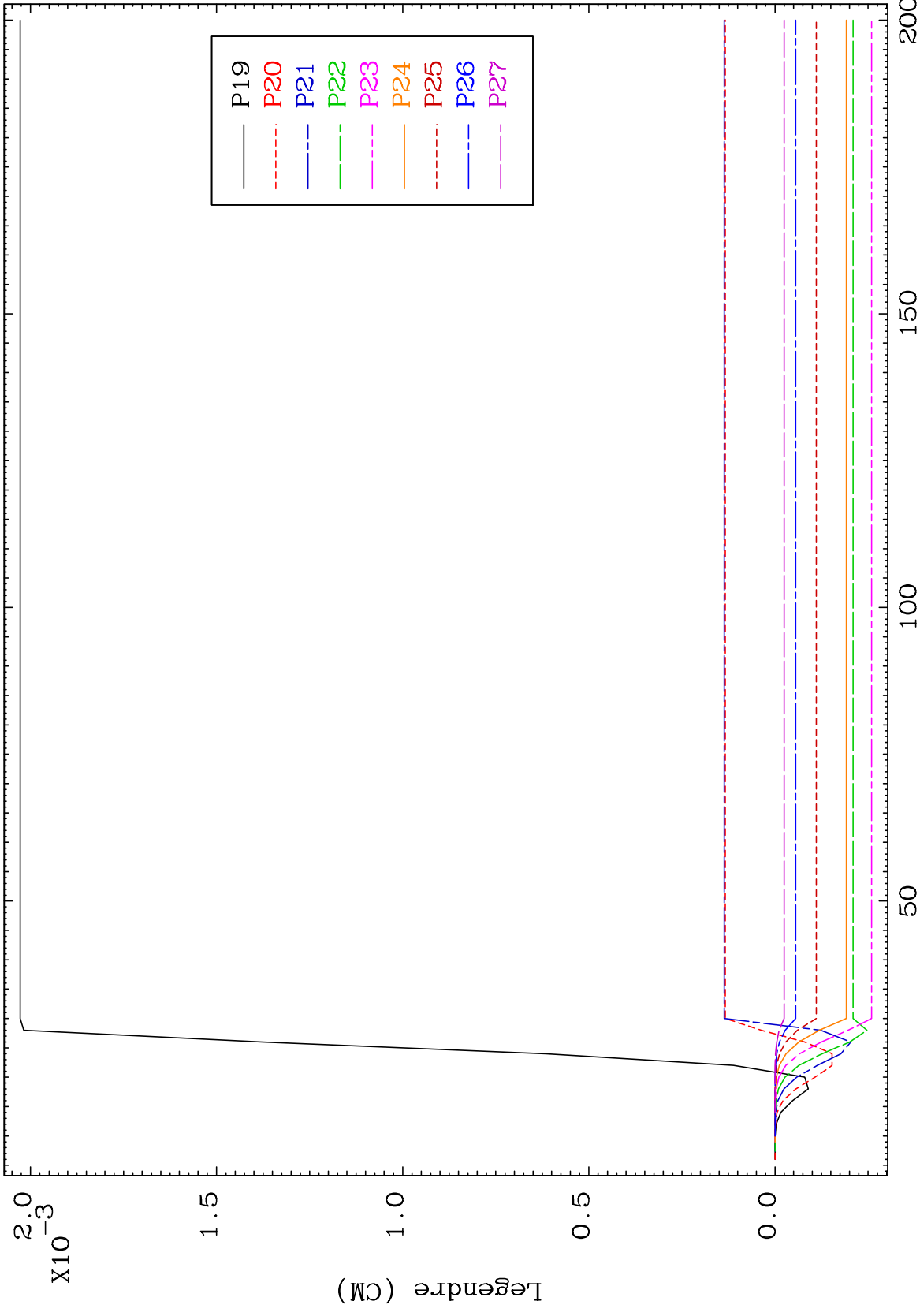
Incident Energy (MeV)

80-Hg-189

MAT 8004

MT= 73 (n,n') Level  
Legendre Coefficients

80-Hg-189



110

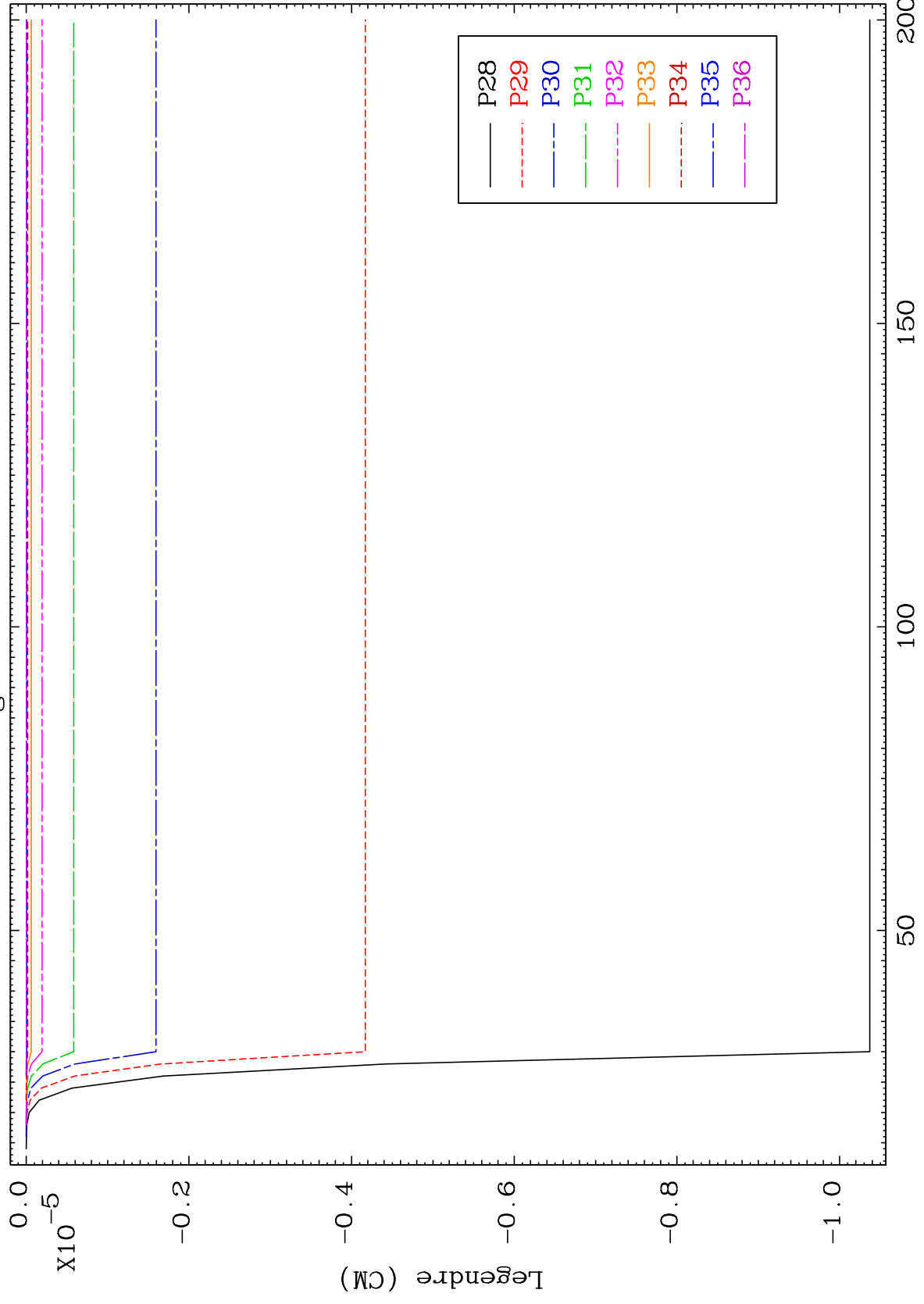
Incident Energy (MeV)

80-Hg-189

MAT 8004

MT= 73 (n,n') Level  
Legendre Coefficients

80-Hg-189



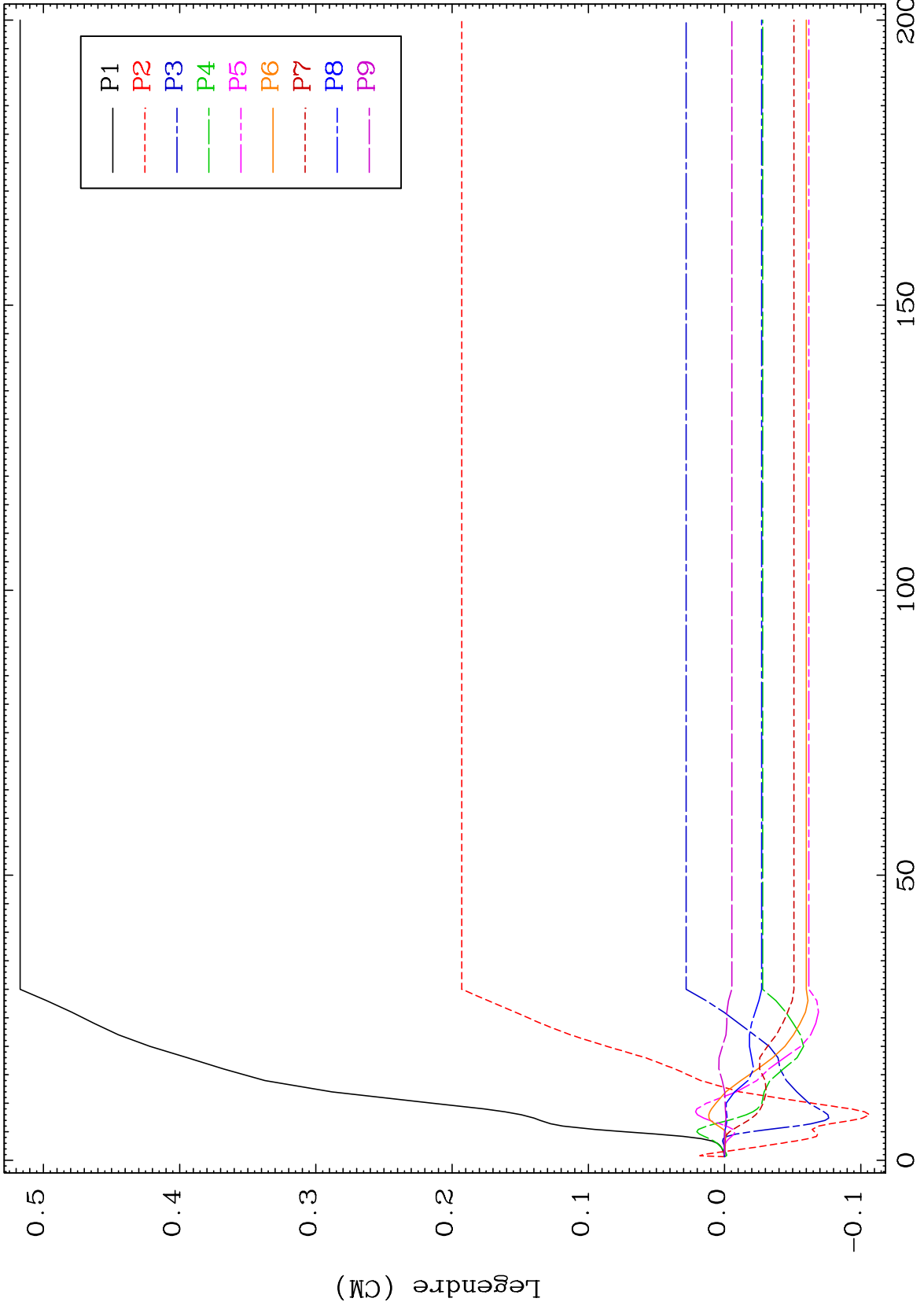
80-Hg-189

Incident Energy (MeV)

111



MAT 8004 MT= 74 (n,n') Level Legendre Coefficients 80-Hg-189

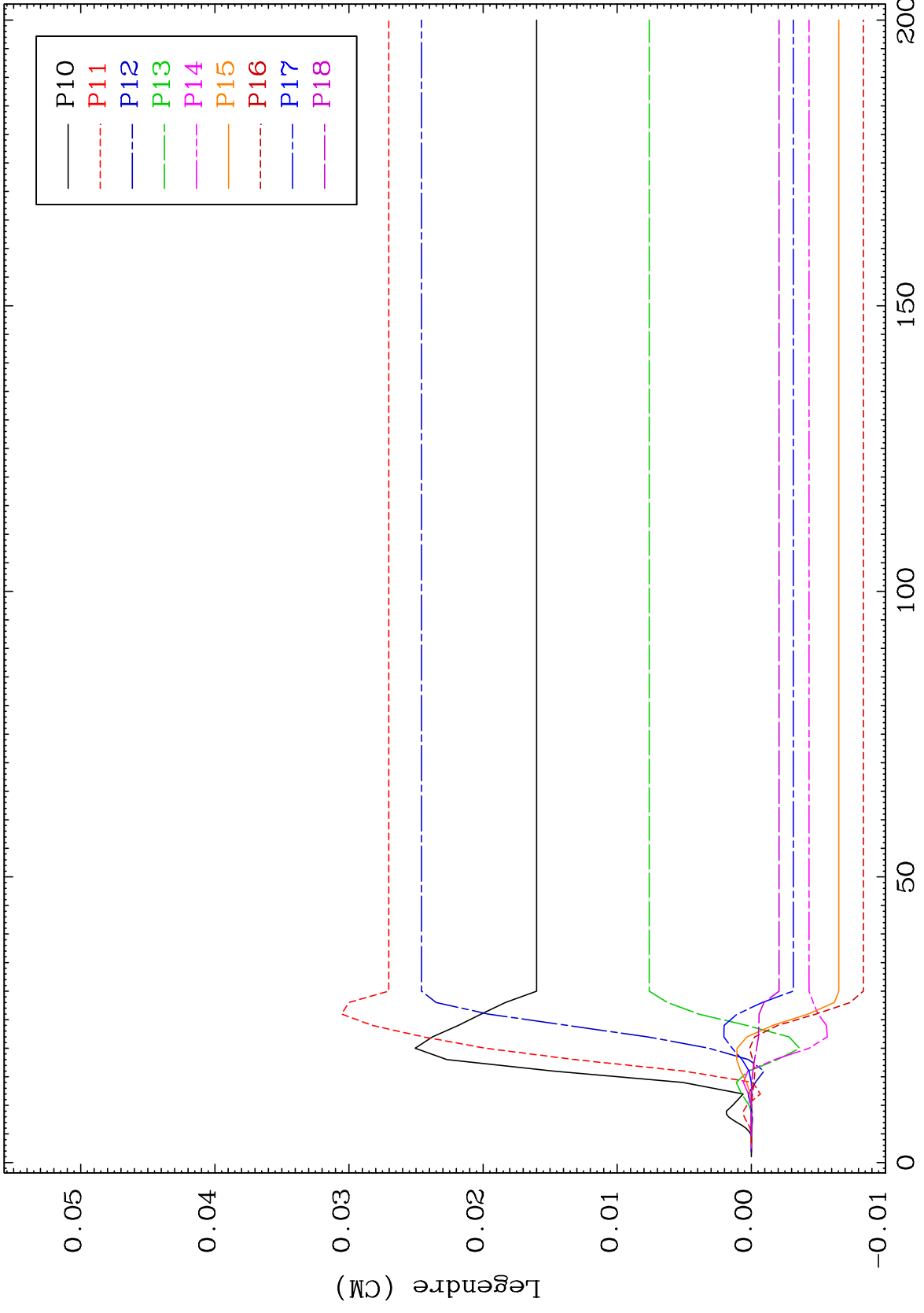


112 Incident Energy (MeV) 80-Hg-189

MAT 8004

MT= 74 (n,n') Level  
Legendre Coefficients

80-Hg-189



113

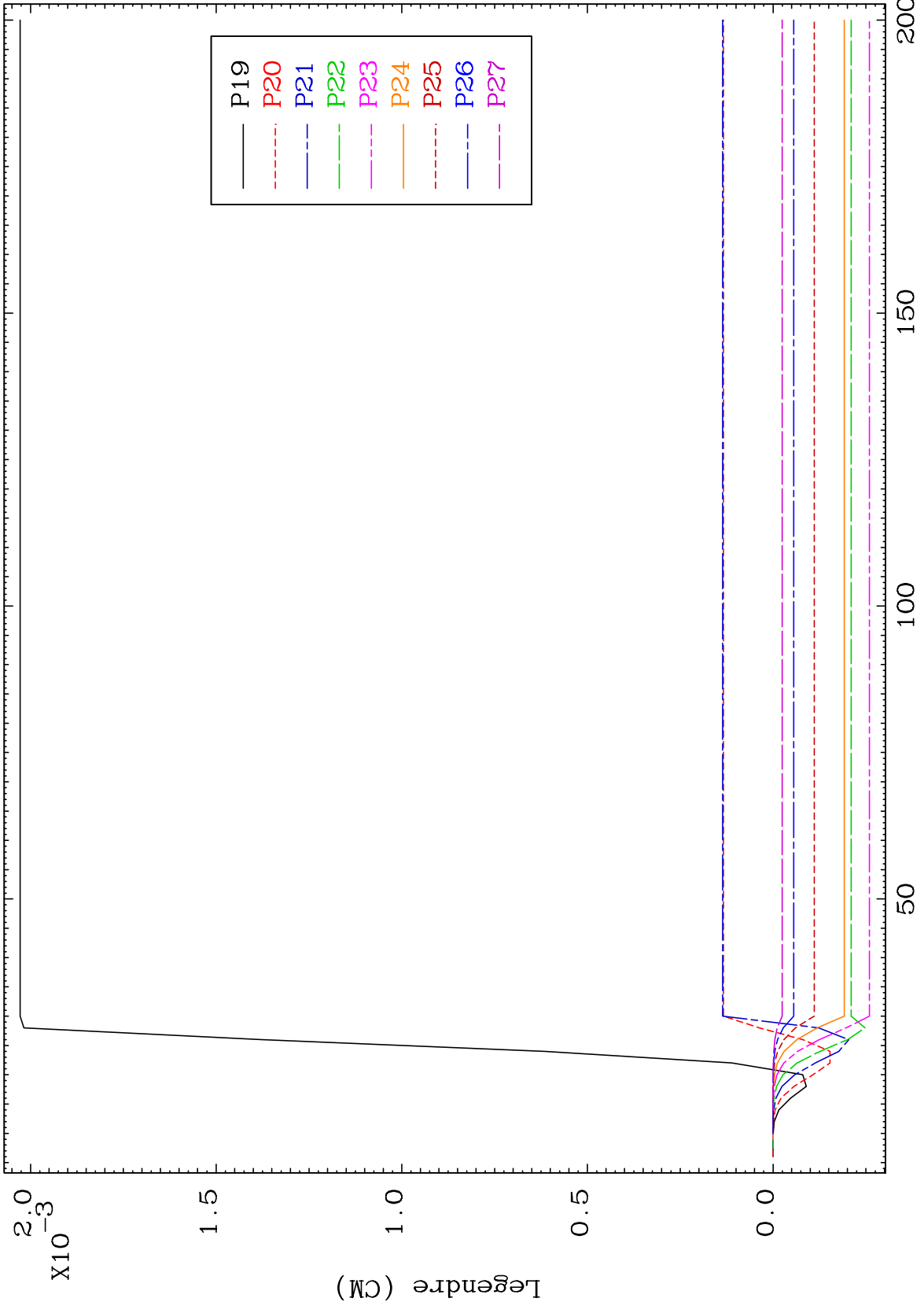
Incident Energy (MeV)

80-Hg-189

MAT 8004

MT= 74 (n,n') Level  
Legendre Coefficients

80-Hg-189



114

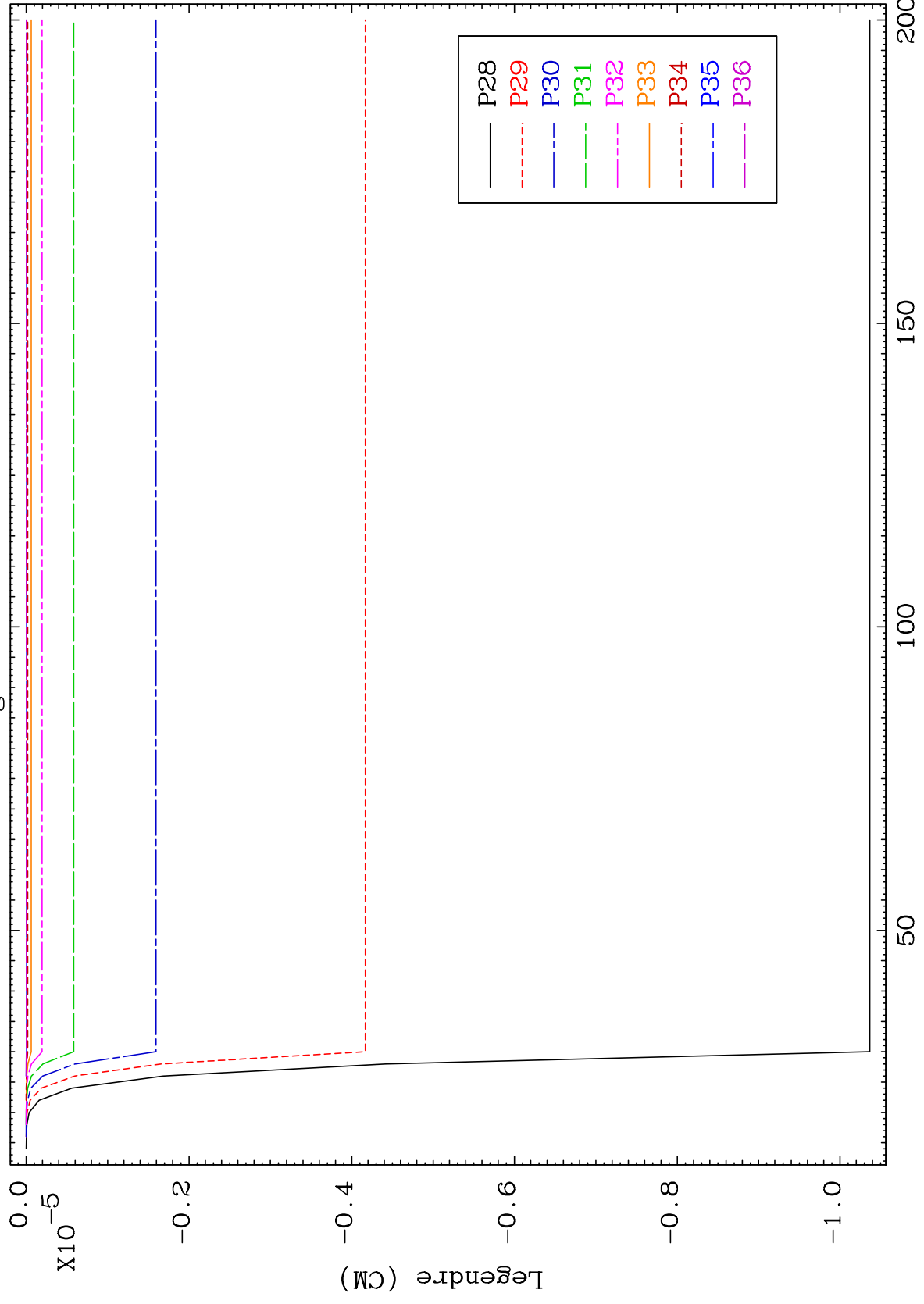
Incident Energy (MeV)

80-Hg-189

MAT 8004

MT= 74 (n,n') Level  
Legendre Coefficients

80-Hg-189

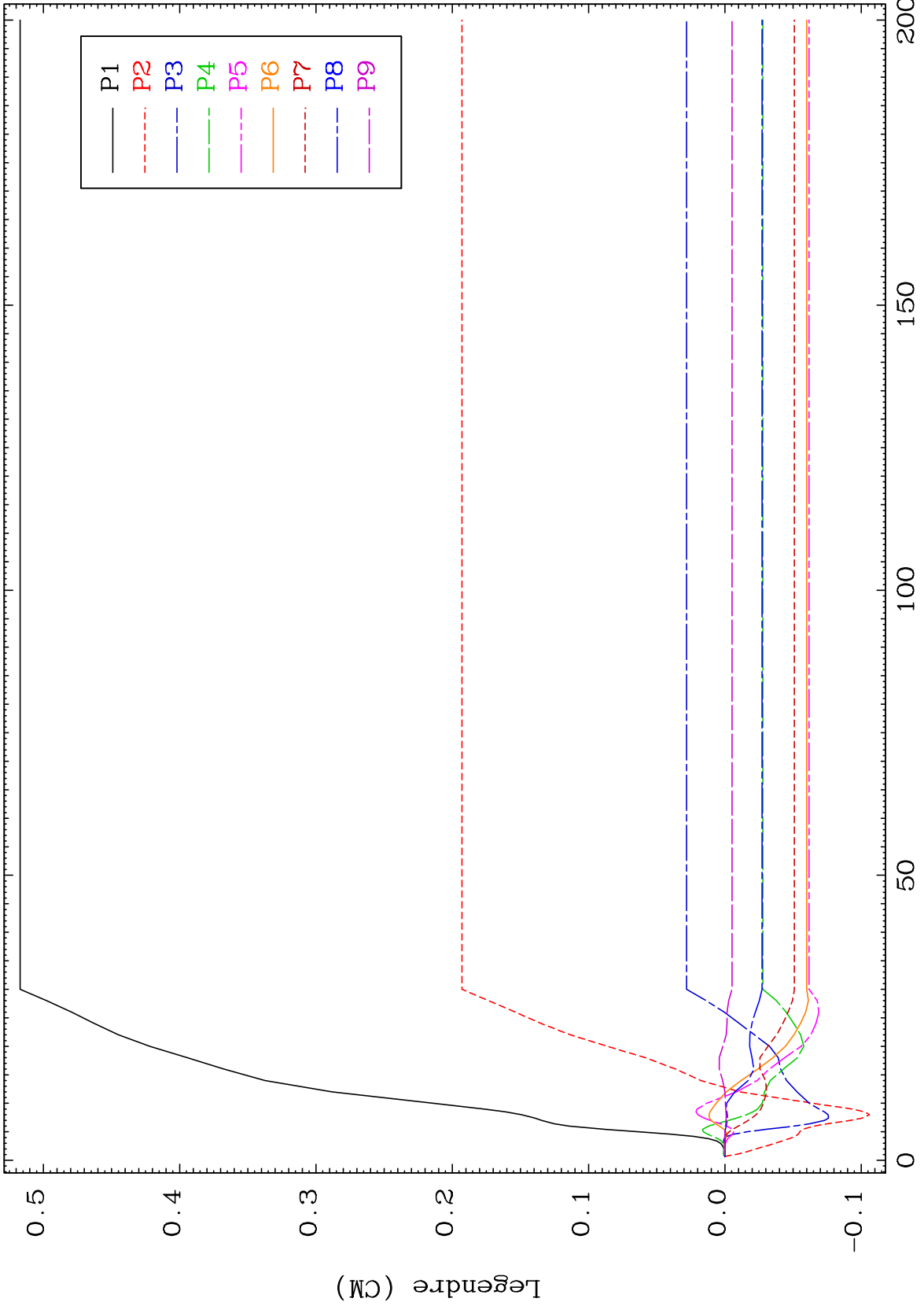


80-Hg-189

Incident Energy (MeV)

115

MAT 8004 MT= 75 (n,n') Level Legendre Coefficients 80-Hg-189

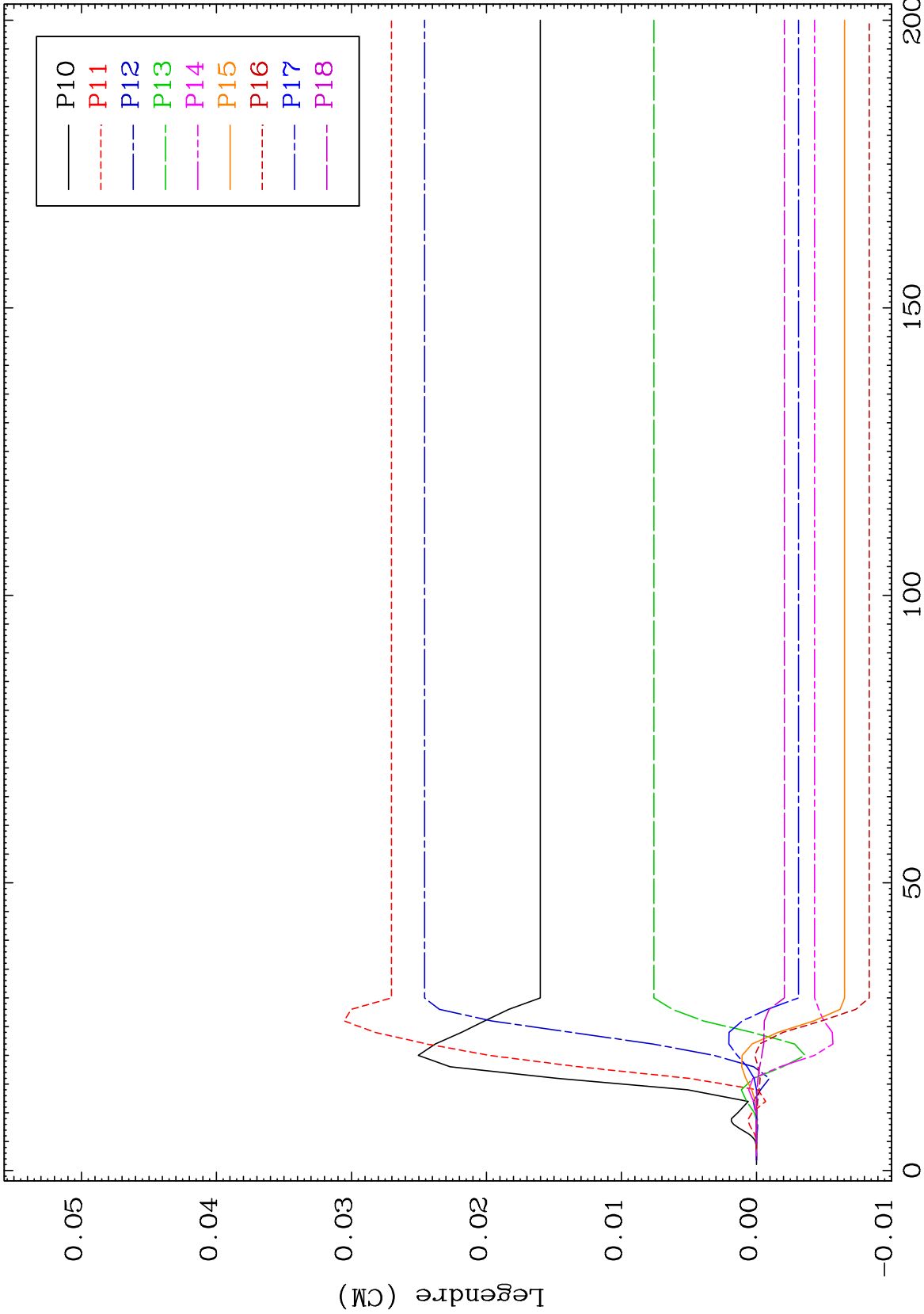


116 80-Hg-189

MAT 8004

MT= 75 (n,n') Level  
Legendre Coefficients

80-Hg-189



117

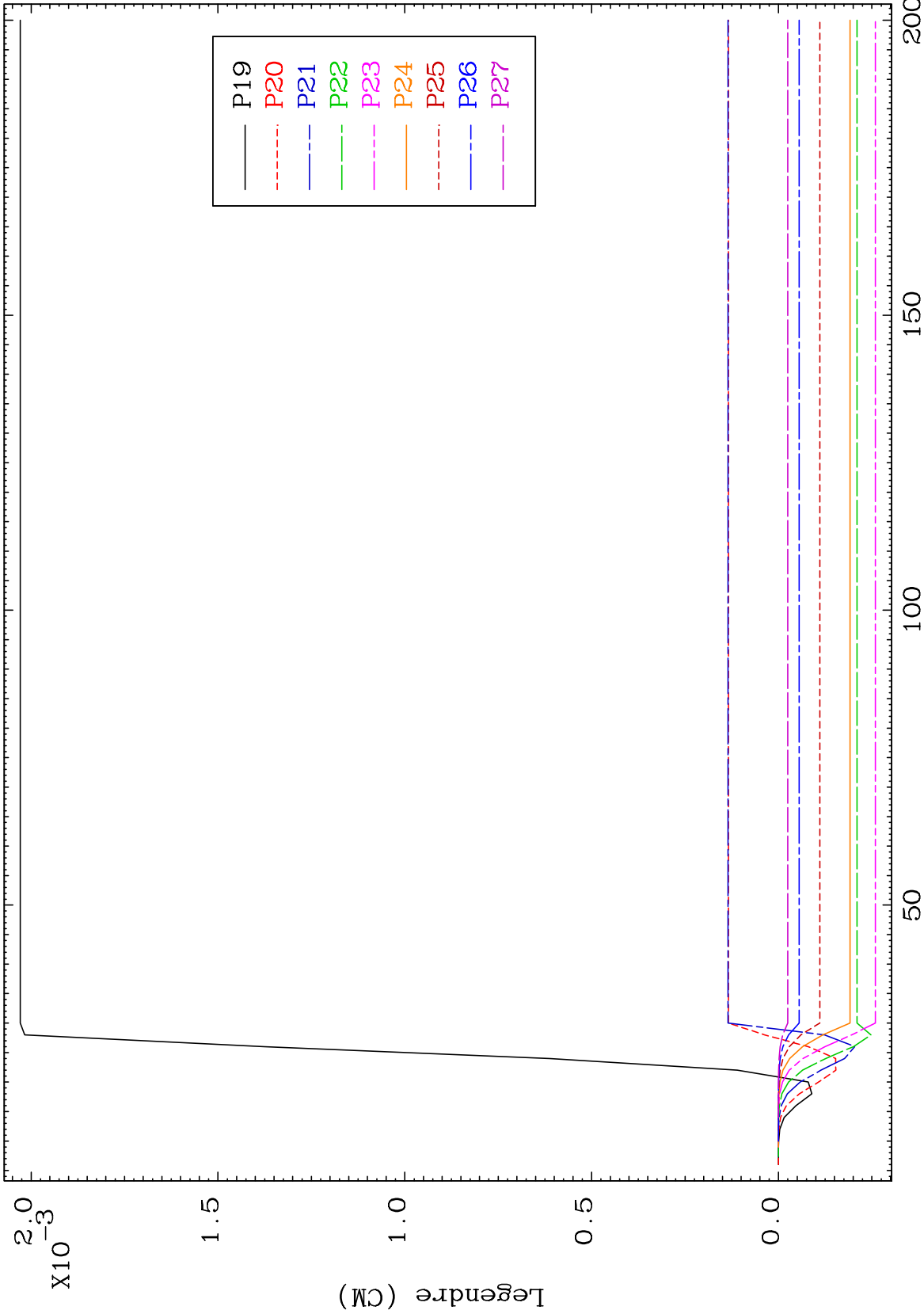
Incident Energy (MeV)

80-Hg-189

MAT 8004

MT= 75 (n,n') Level  
Legendre Coefficients

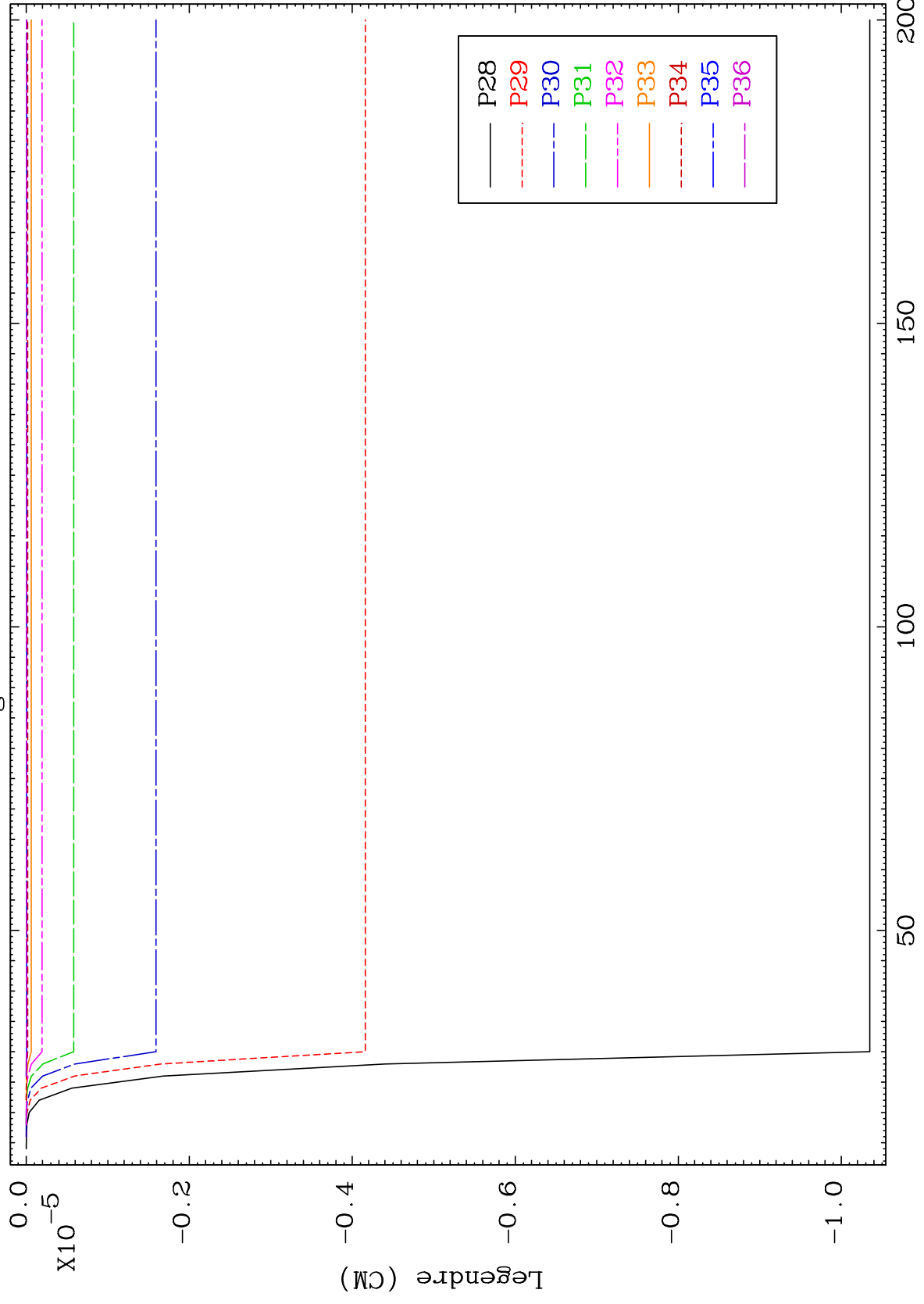
80-Hg-189



MAT 8004

MT= 75 (n,n') Level  
Legendre Coefficients

80-Hg-189



80-Hg-189

Incident Energy (MeV)

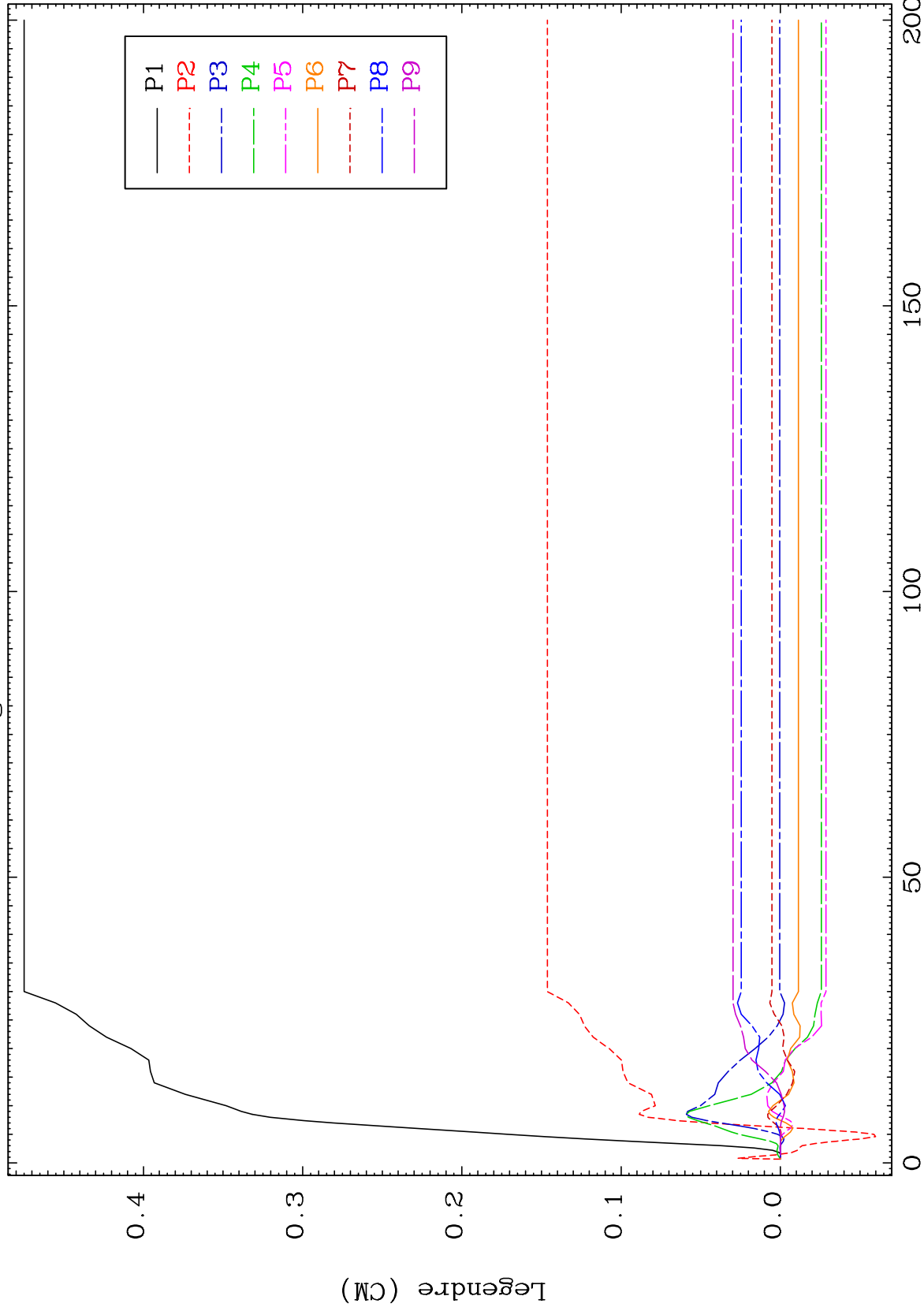
119



MAT 8004

MT= 76 (n,n') Level  
Legendre Coefficients

80-Hg-189



80-Hg-189

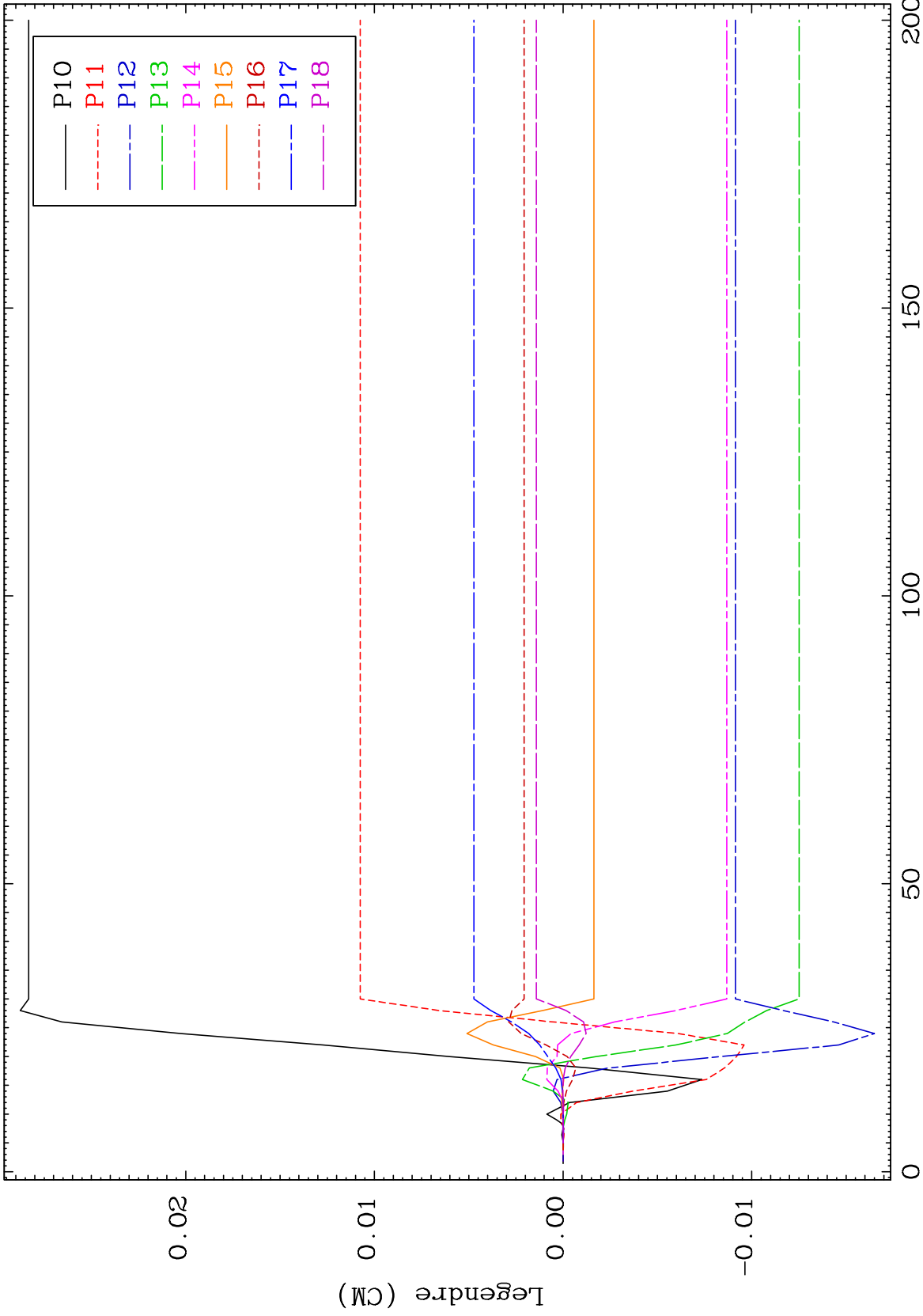
Incident Energy (MeV)

Legendre (CM)

MAT 8004

MT= 76 (n,n') Level  
Legendre Coefficients

80-Hg-189



121

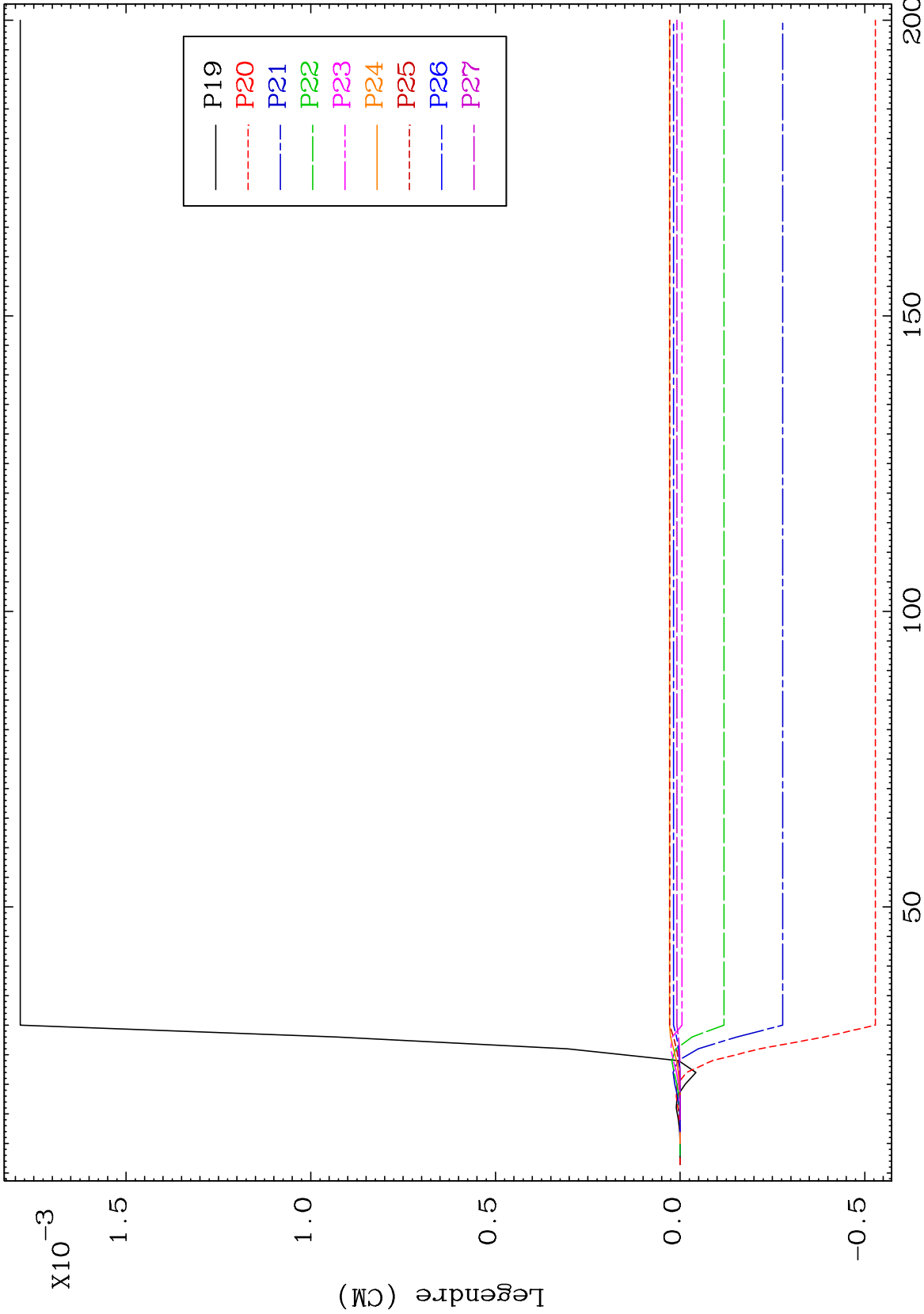
Incident Energy (MeV)

80-Hg-189

MAT 8004

MT= 76 (n,n') Level  
Legendre Coefficients

80-Hg-189



122

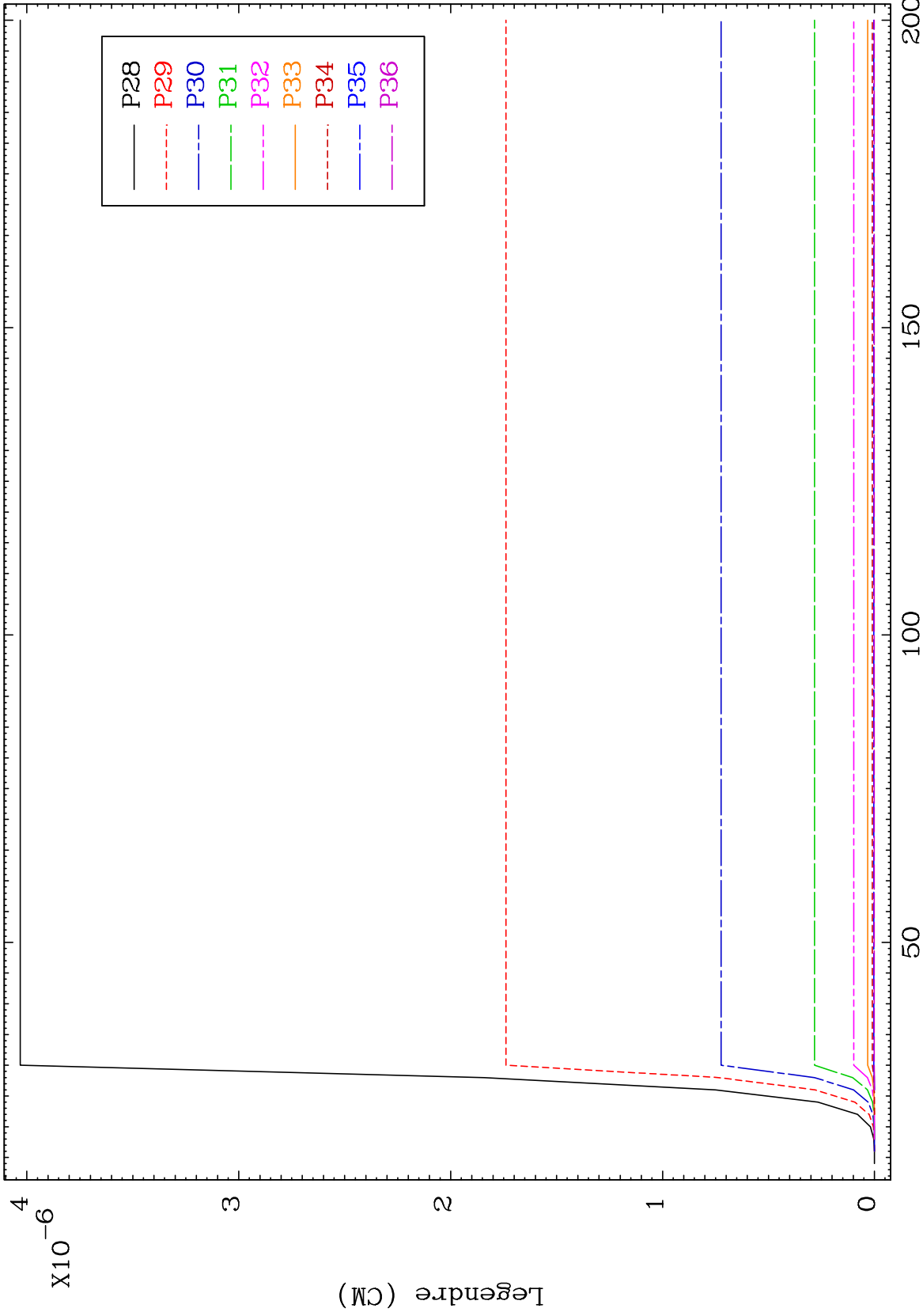
Incident Energy (MeV)

80-Hg-189

MAT 8004

MT= 76 (n,n') Level  
Legendre Coefficients

80-Hg-189

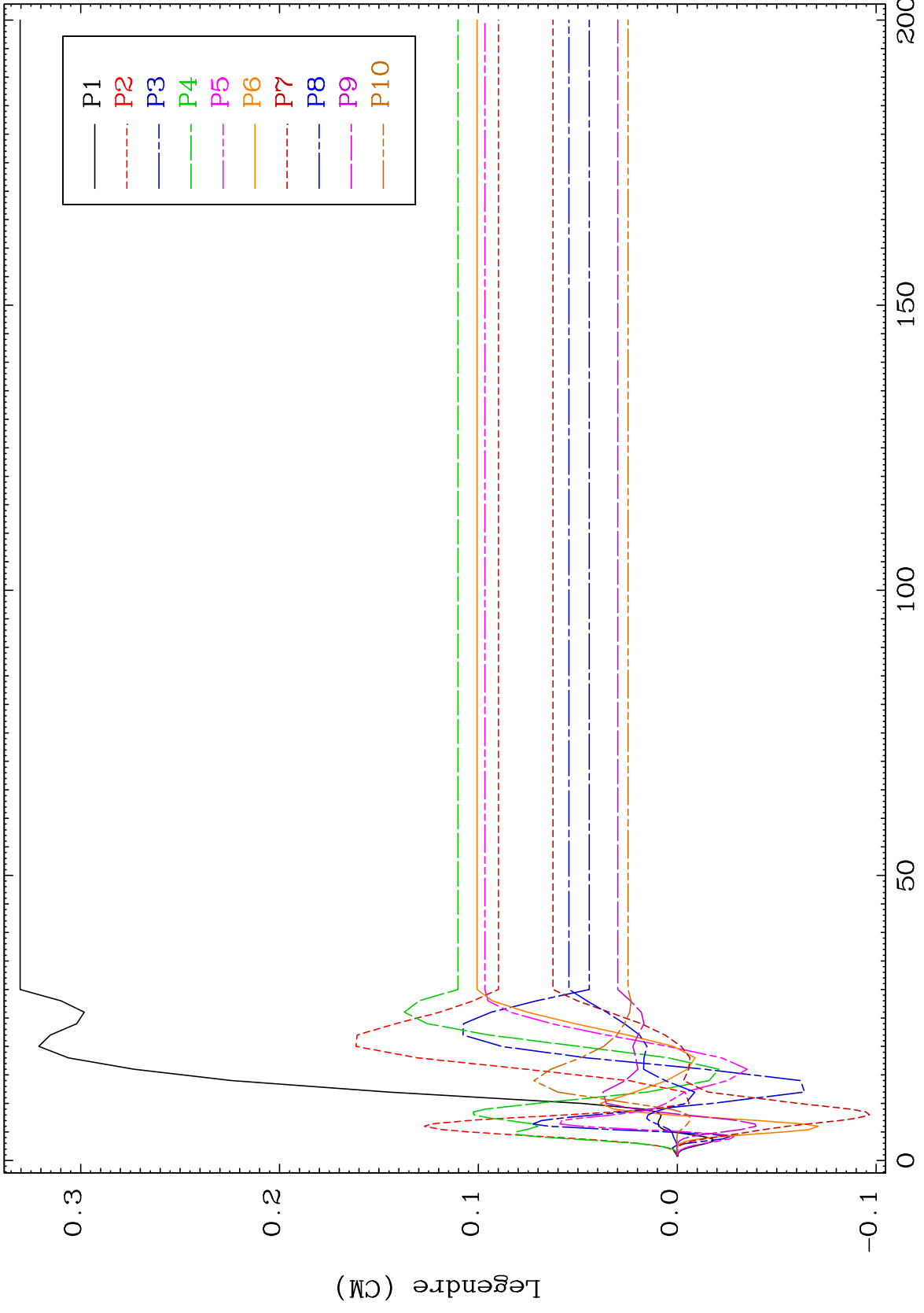


123

Incident Energy (MeV)

80-Hg-189

MAT 8004 MT= 77 (n,n') Level Legendre Coefficients 80-Hg-189

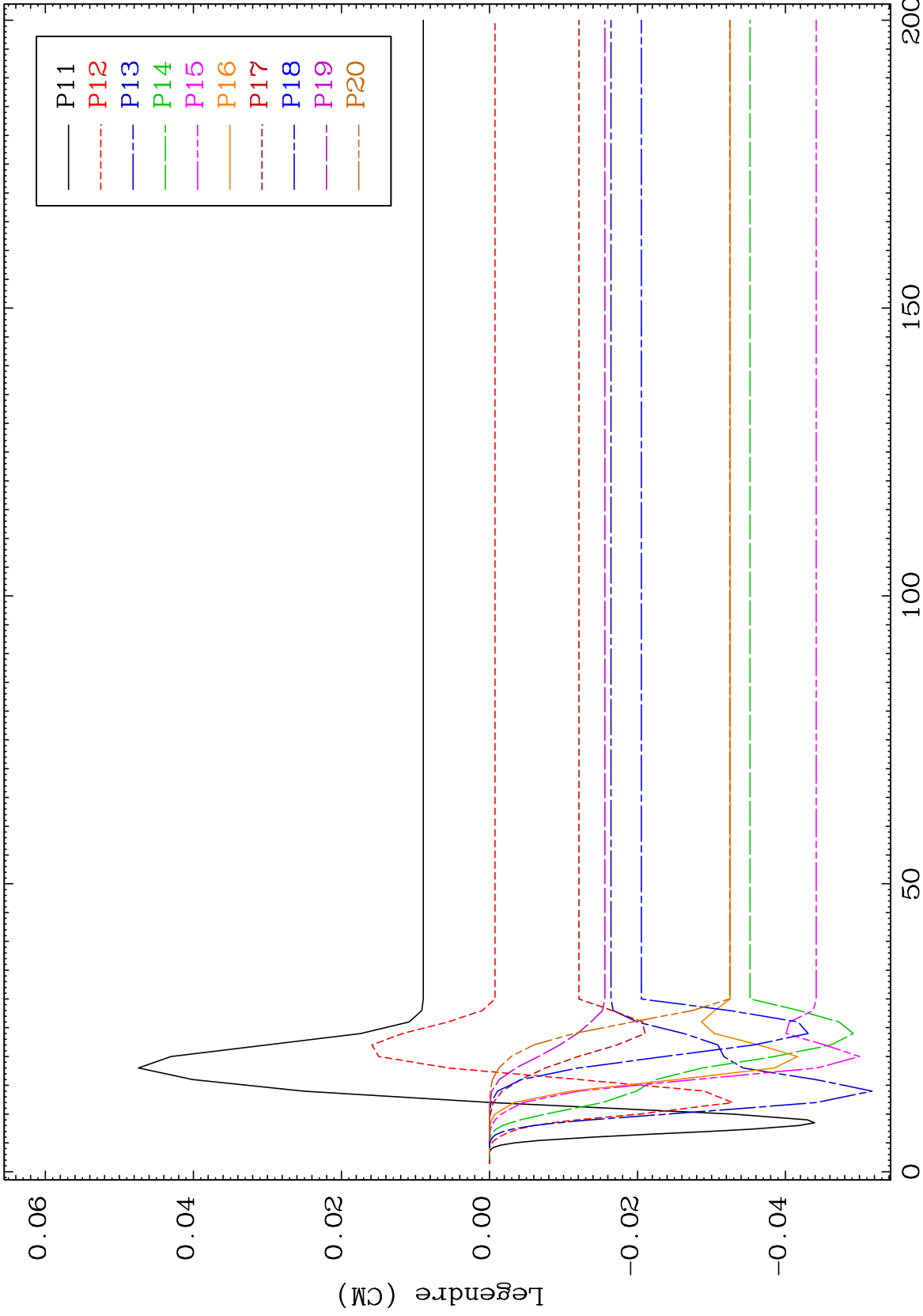


124 Incident Energy (MeV) 80-Hg-189

MAT 8004

MT= 77 (n,n') Level  
Legendre Coefficients

80-Hg-189



125

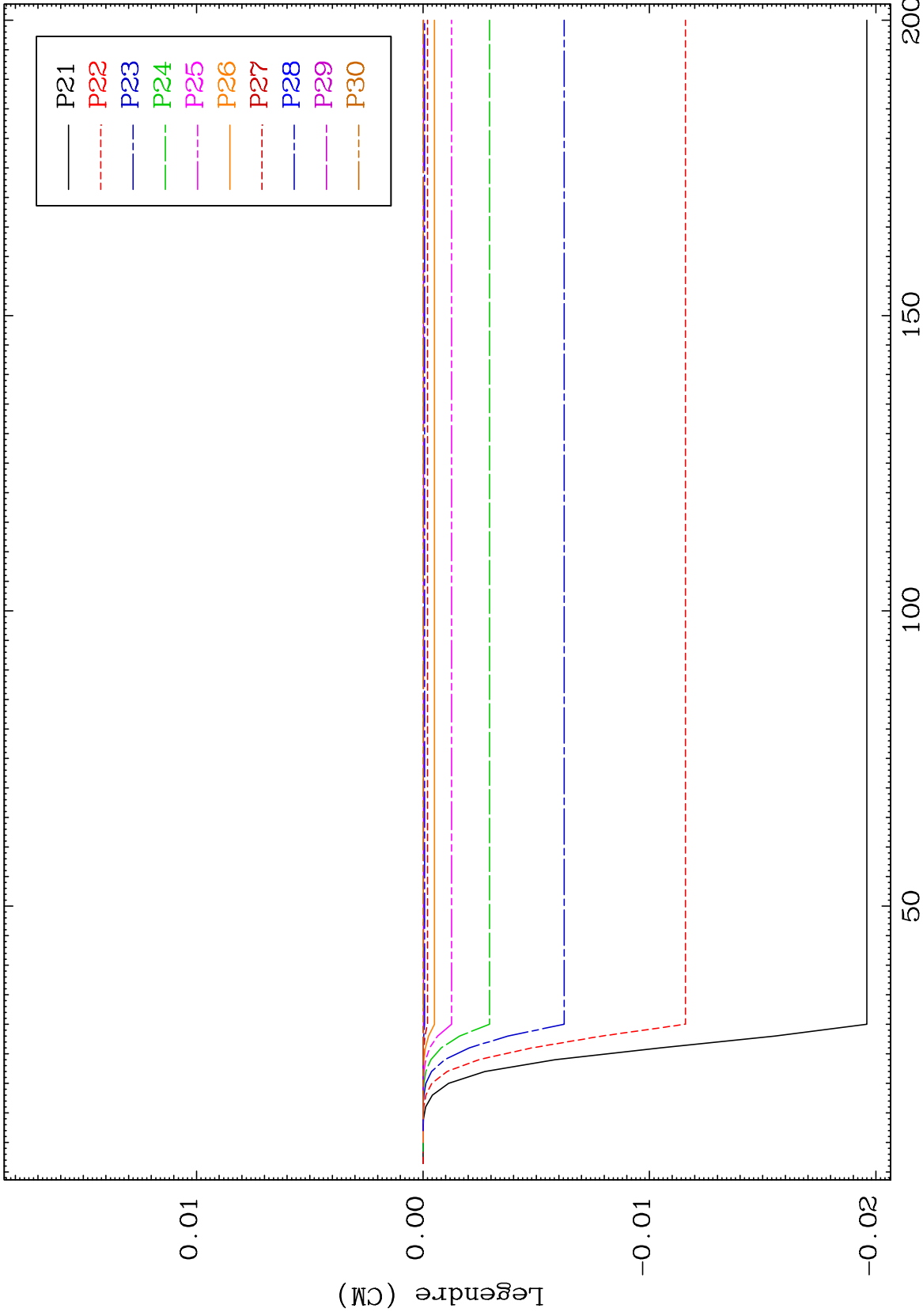
80-Hg-189

80-Hg-189

MAT 8004

MT= 77 (n,n') Level  
Legendre Coefficients

80-Hg-189



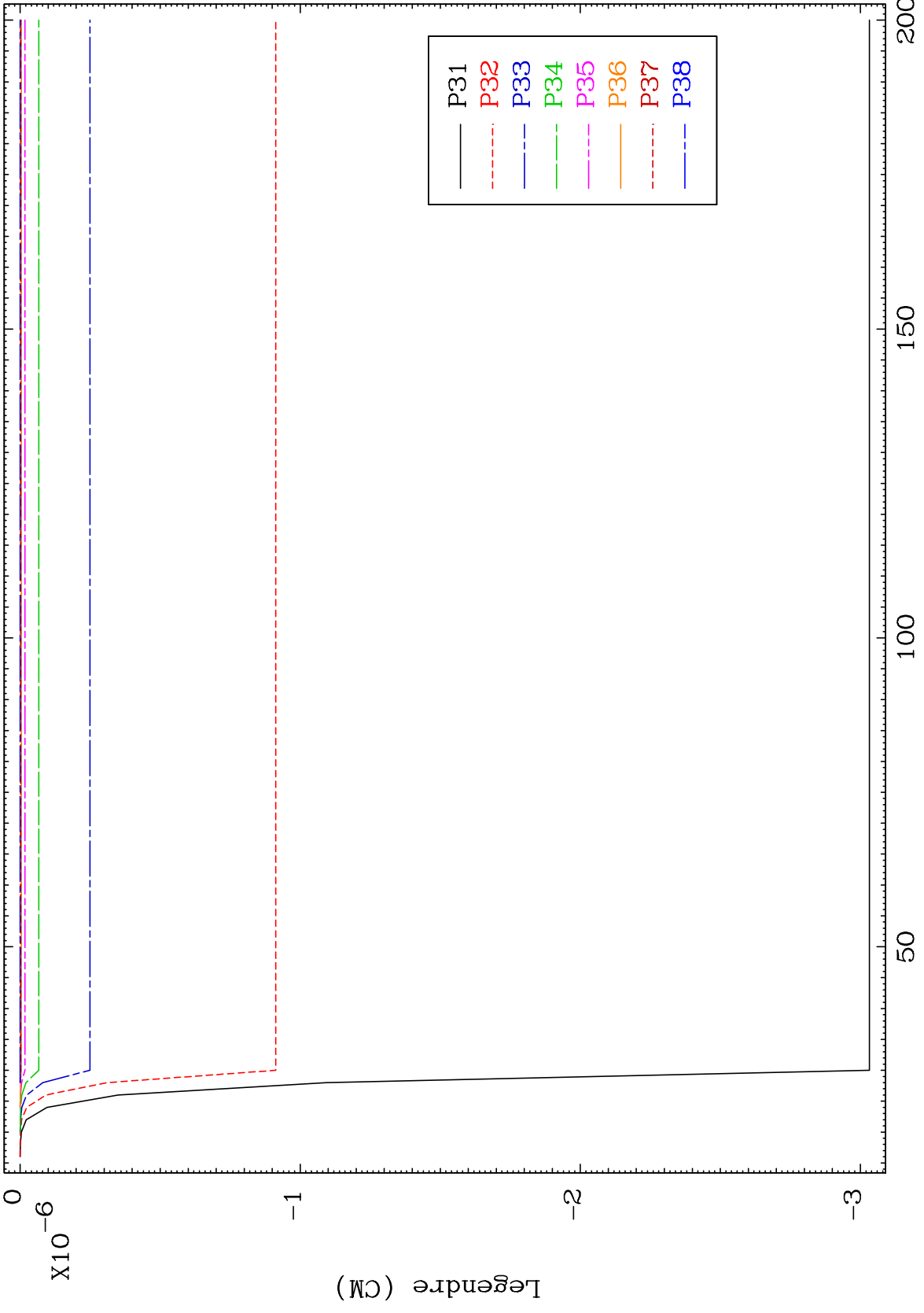
126

Incident Energy (MeV)

80-Hg-189

MAT 8004 MT= 77 (n,n') Level 80-Hg-189

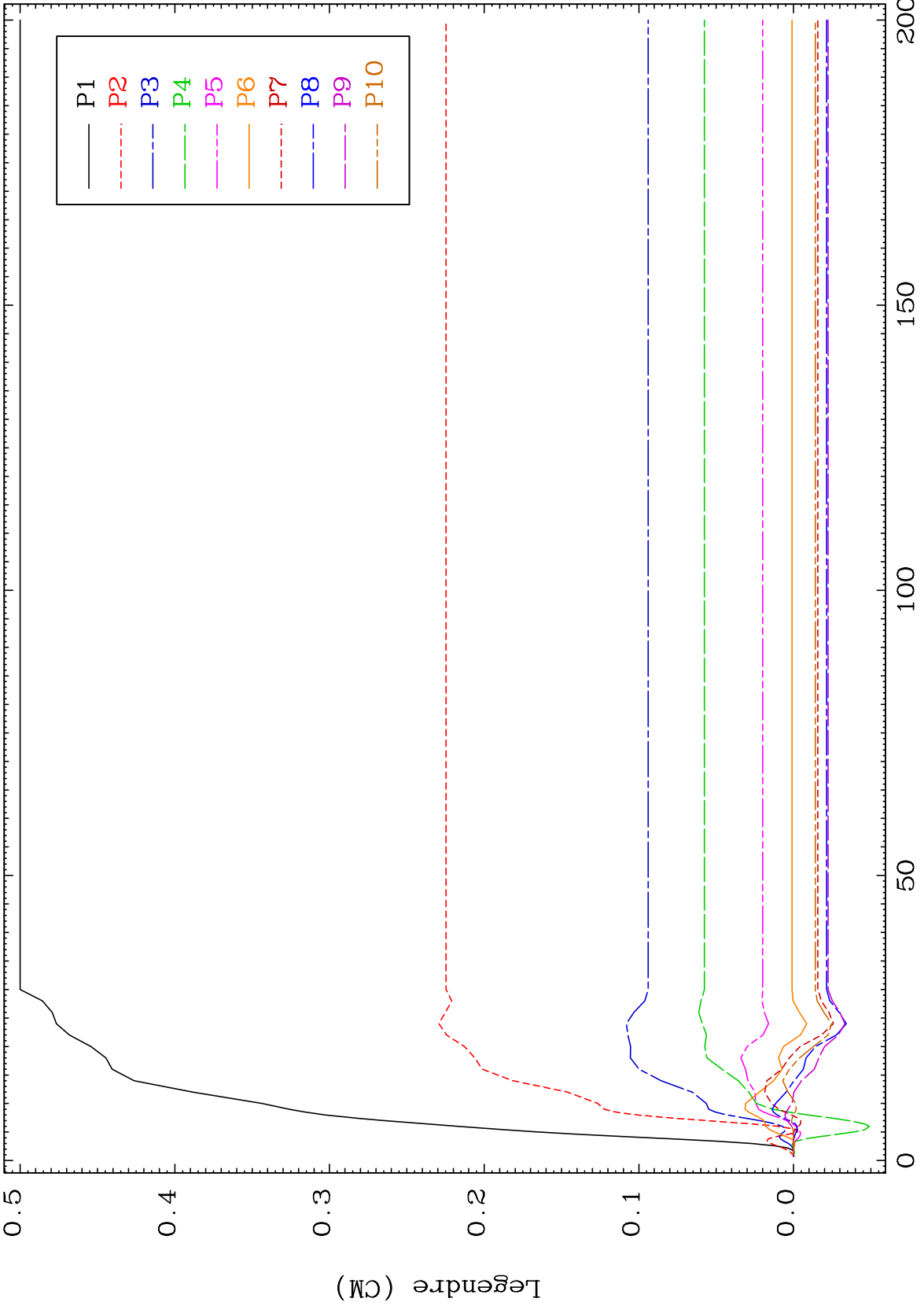
Legendre Coefficients



127 80-Hg-189

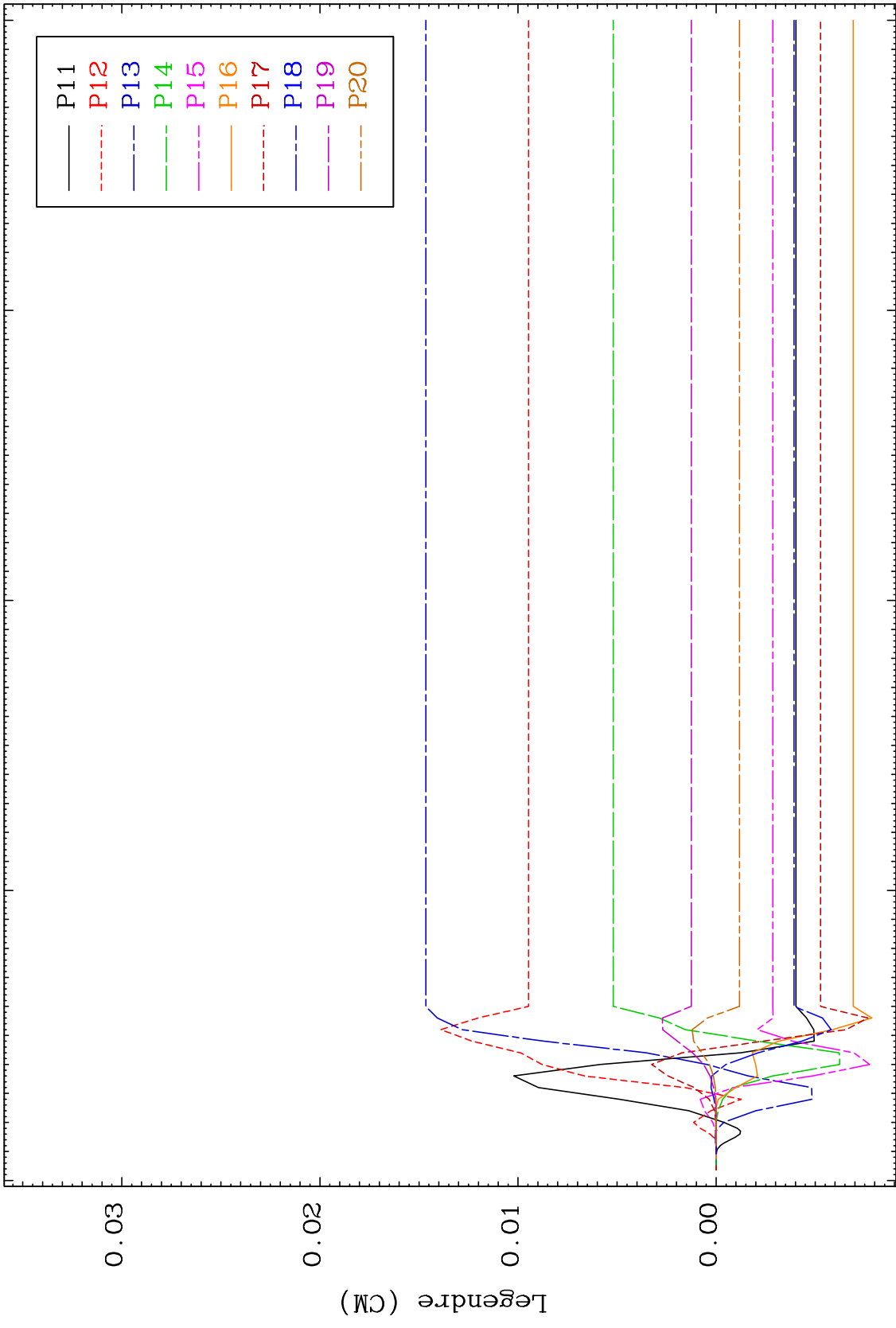


MAT 8004 MT= 78 (n,n') Level Legendre Coefficients 80-Hg-189



128 80-Hg-189

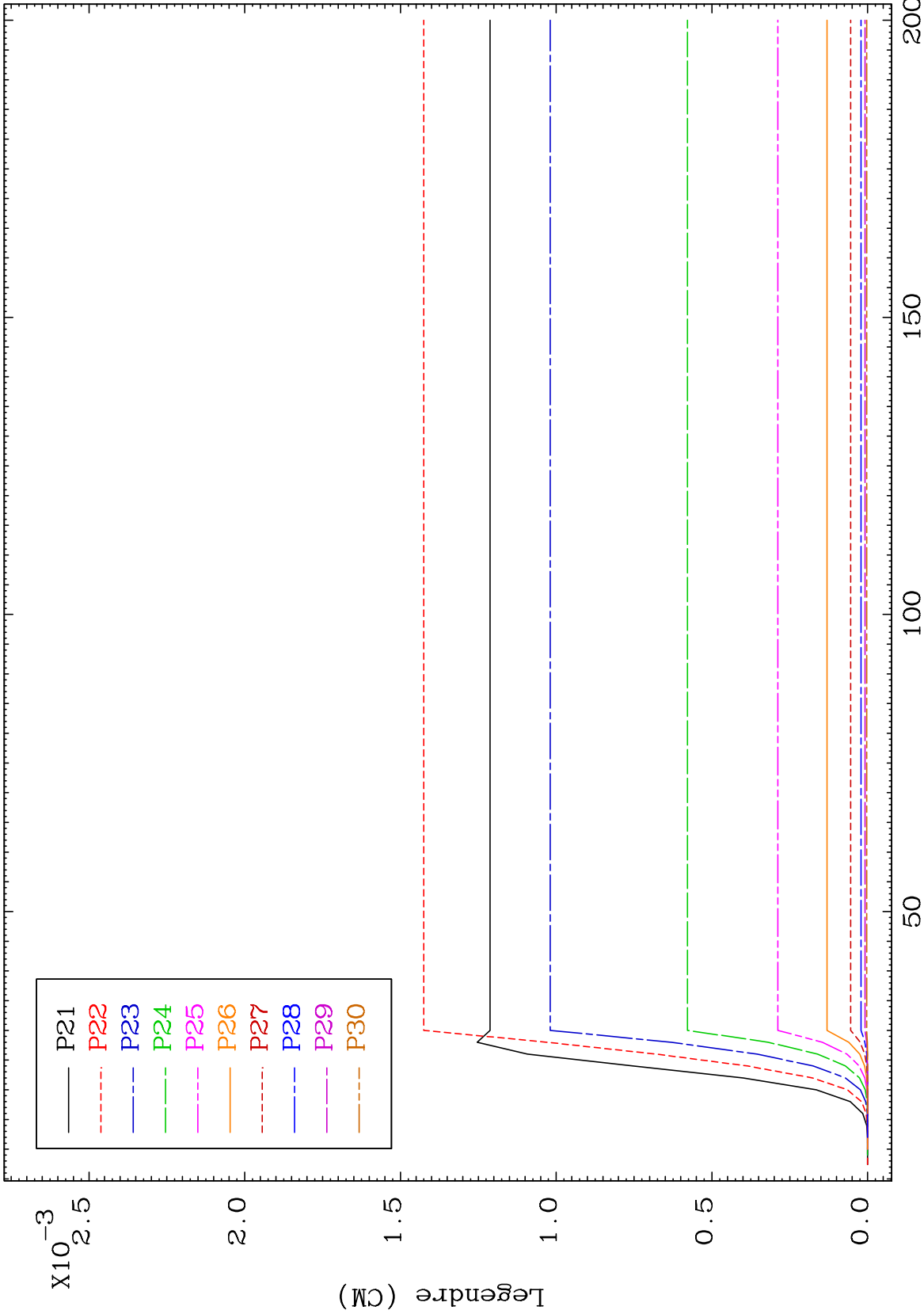
MAT 8004 MT= 78 (n,n') Level Legendre Coefficients 80-Hg-189



MAT 8004

MT= 78 (n,n') Level  
Legendre Coefficients

80-Hg-189

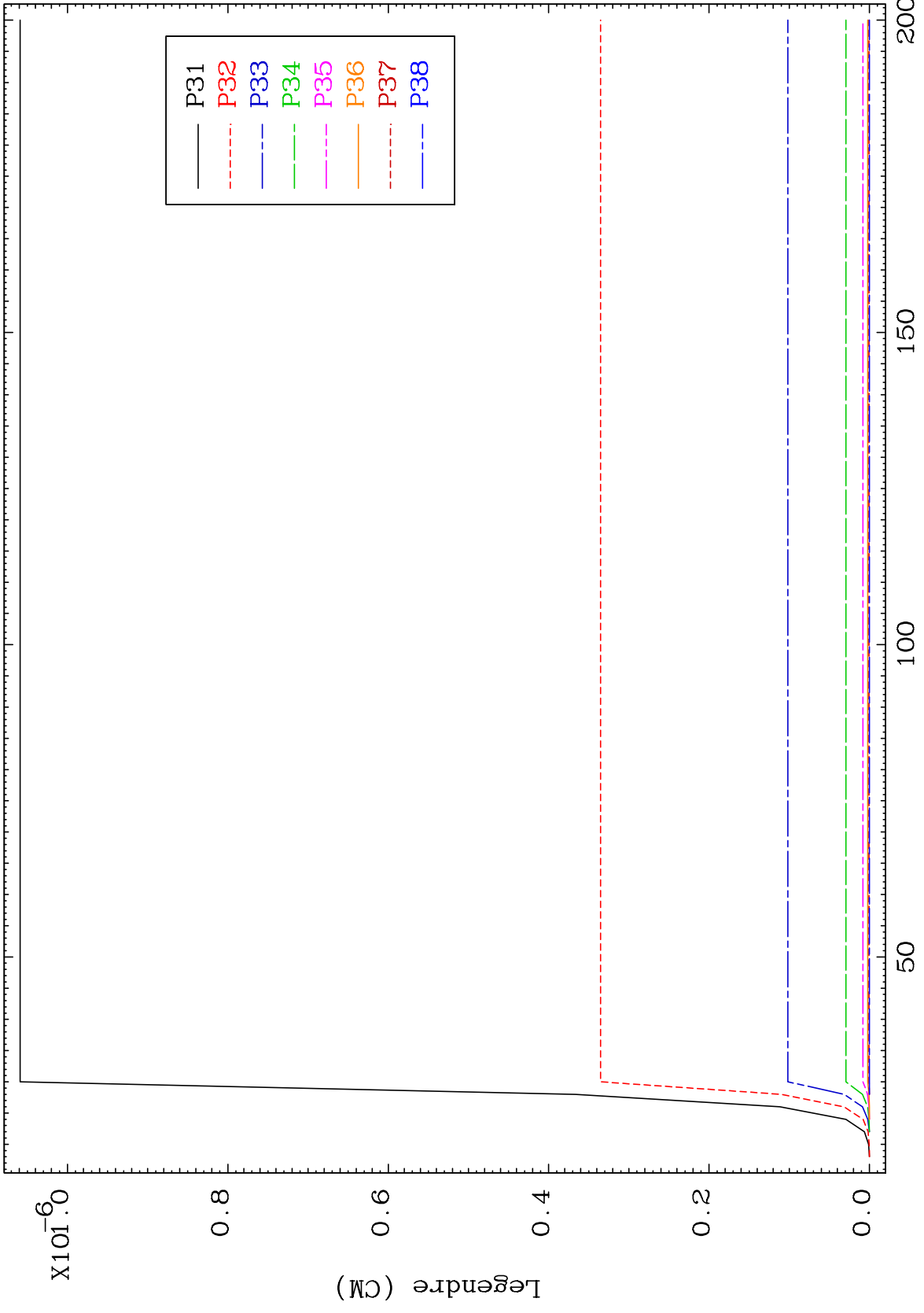


130

Incident Energy (MeV)

80-Hg-189

MAT 8004 MT= 78 (n,n') Level Legendre Coefficients 80-Hg-189

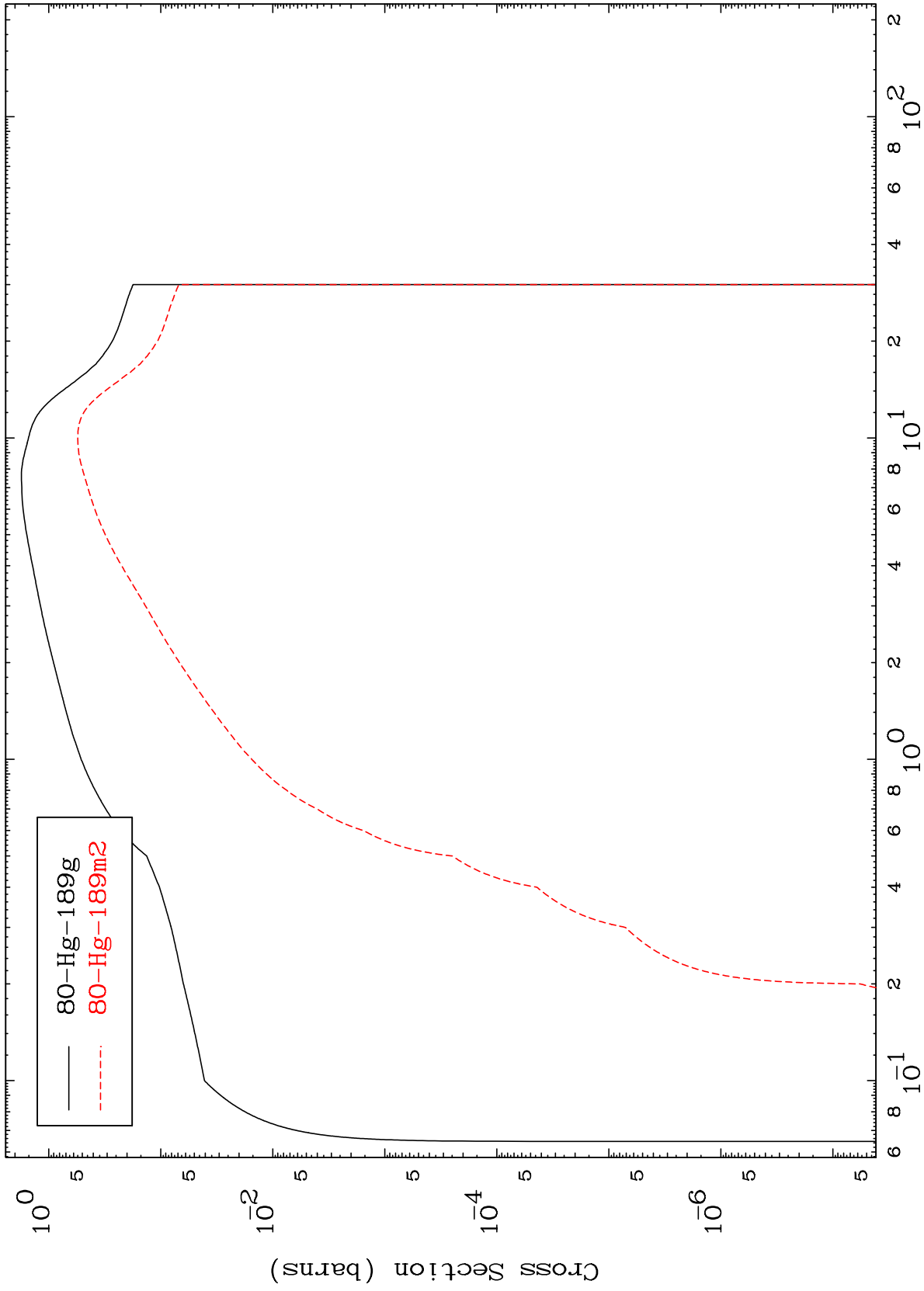


131 80-Hg-189

MAT 8004

80-Hg-189

### Inelastic Radionuclide Production Cross Section



80-Hg-189g  
80-Hg-189m2

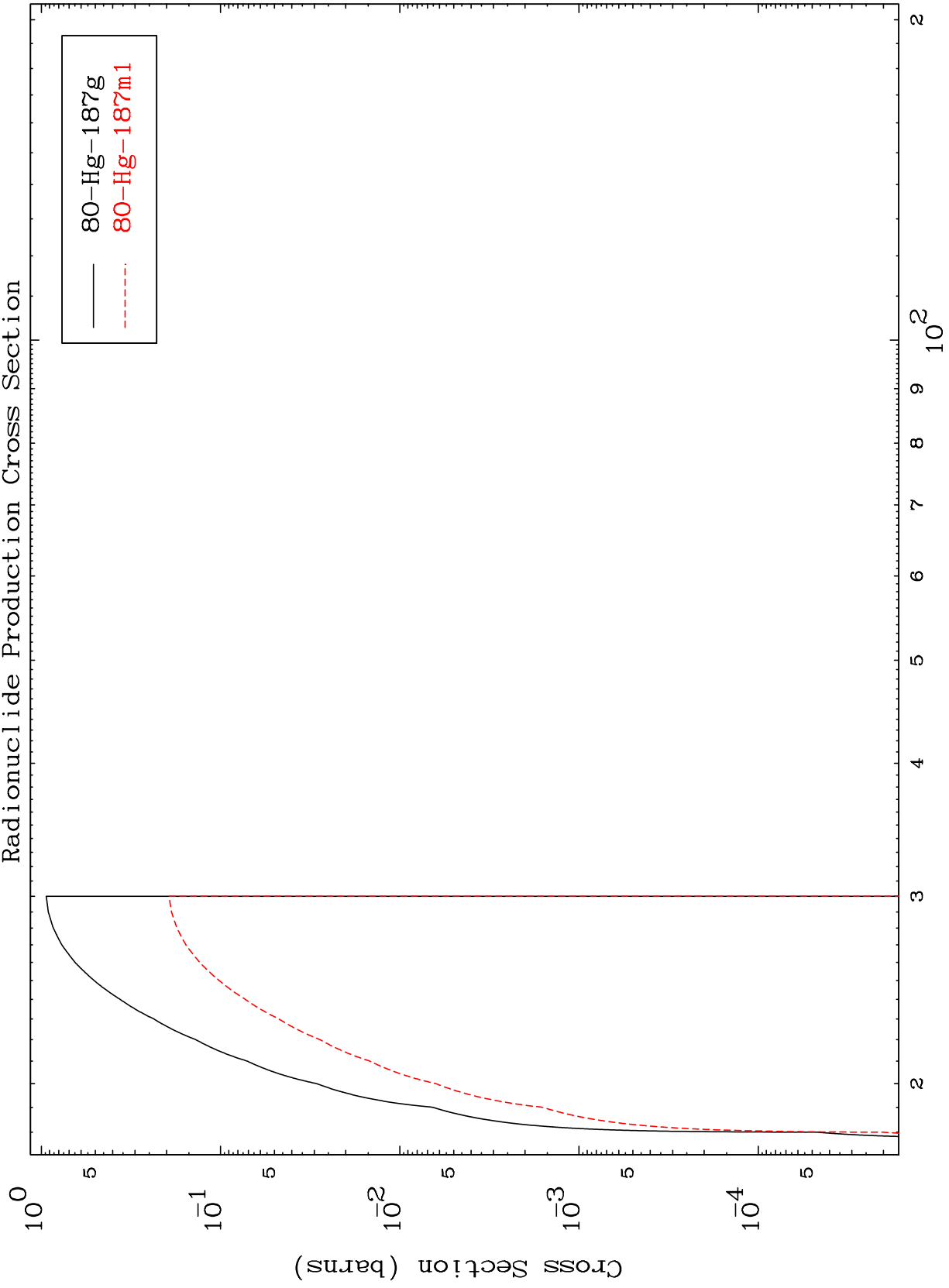
132

80-Hg-189

MAT 8004

80-Hg-189

(n,3n)  
Radionuclide Production Cross Section



80-Hg-187g  
80-Hg-187m1

133

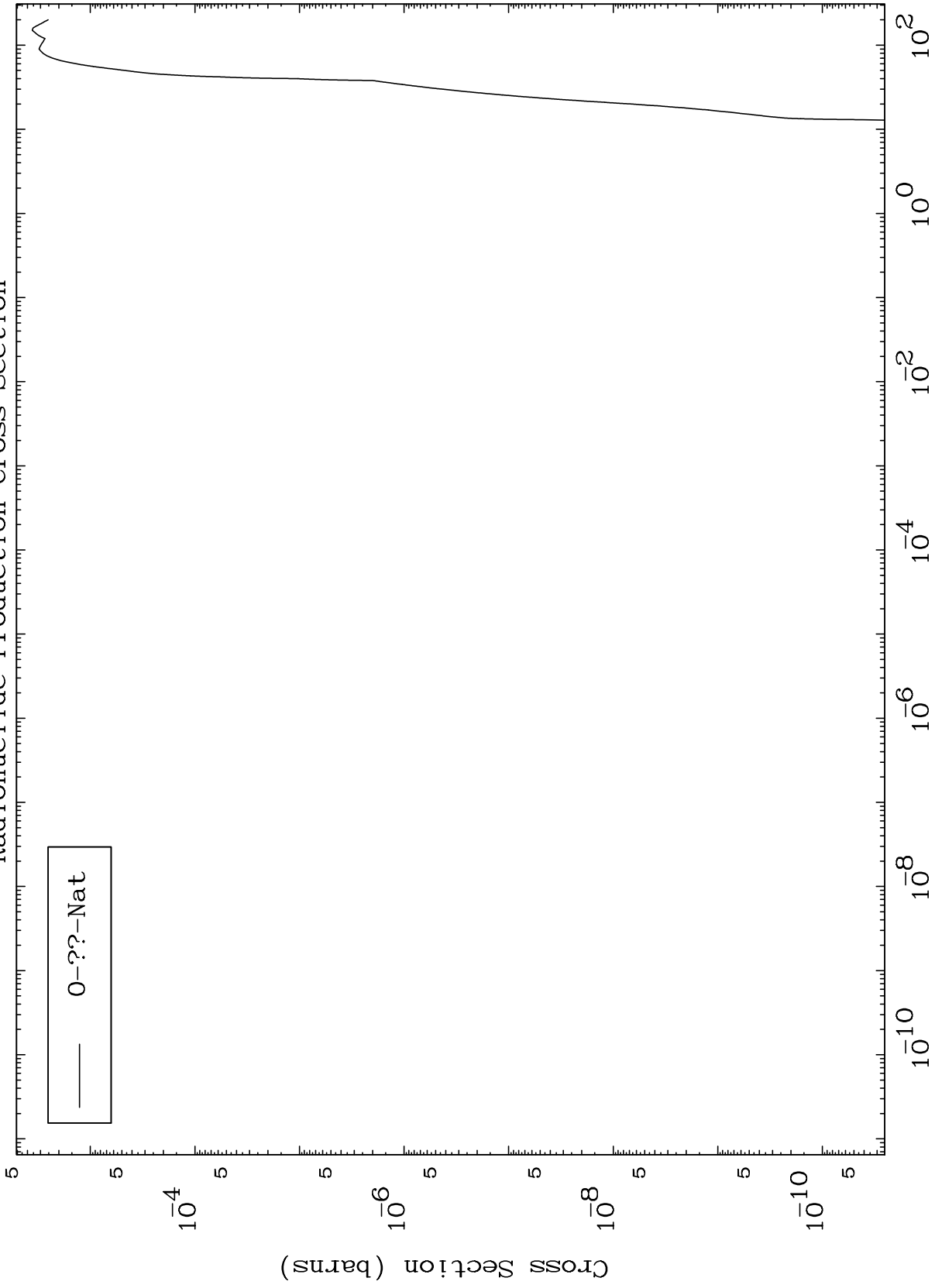
Incident Energy (MeV)

80-Hg-189

MAT 8004

Fission  
Radionuclide Production Cross Section

80-Hg-189



134

Incident Energy (MeV)

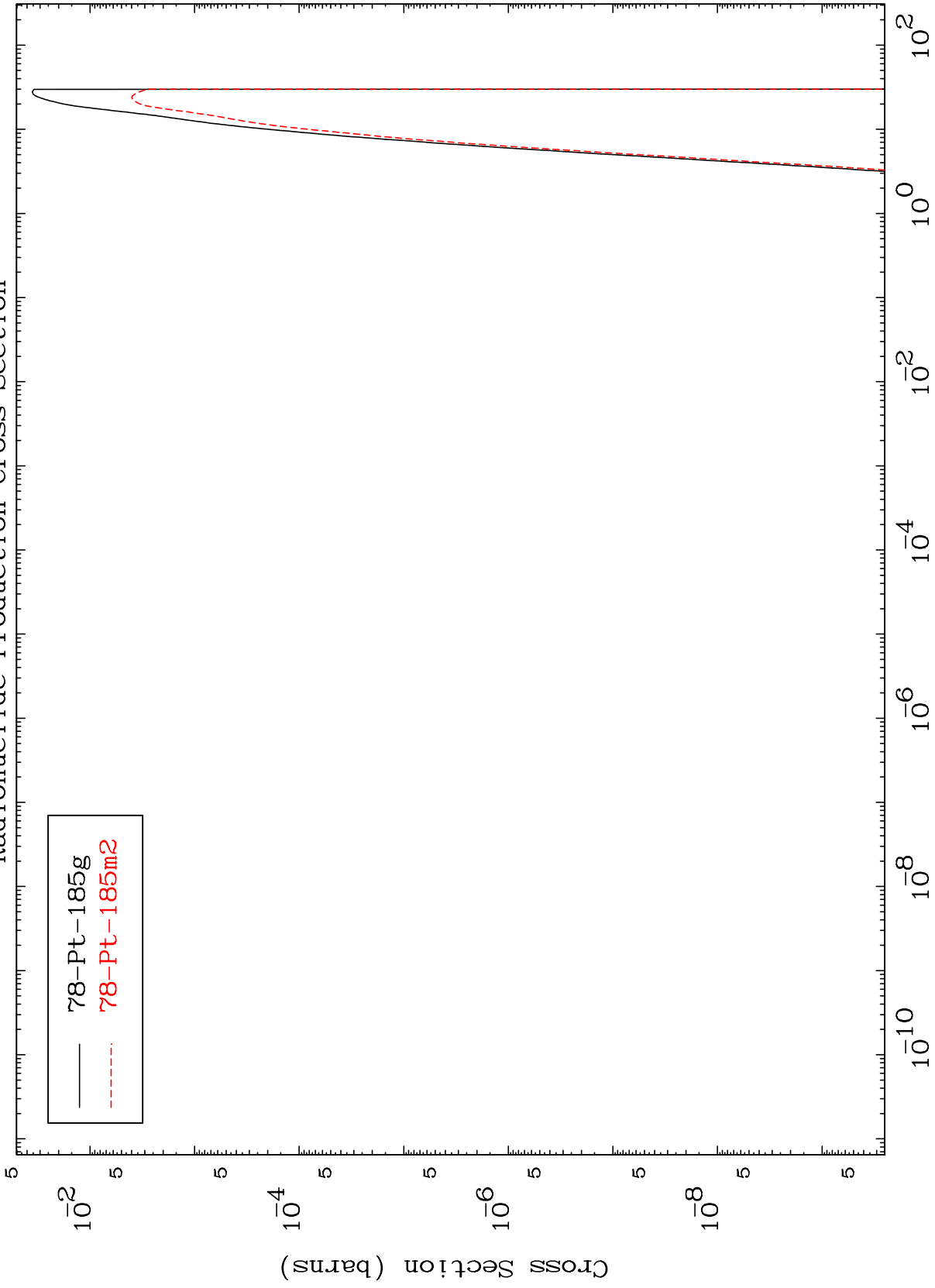
80-Hg-189

MAT 8004

(n,n')  $\alpha$

80-Hg-189

Radionuclide Production Cross Section



78-Pt-185g  
78-Pt-185m2

135

Incident Energy (MeV)

80-Hg-189

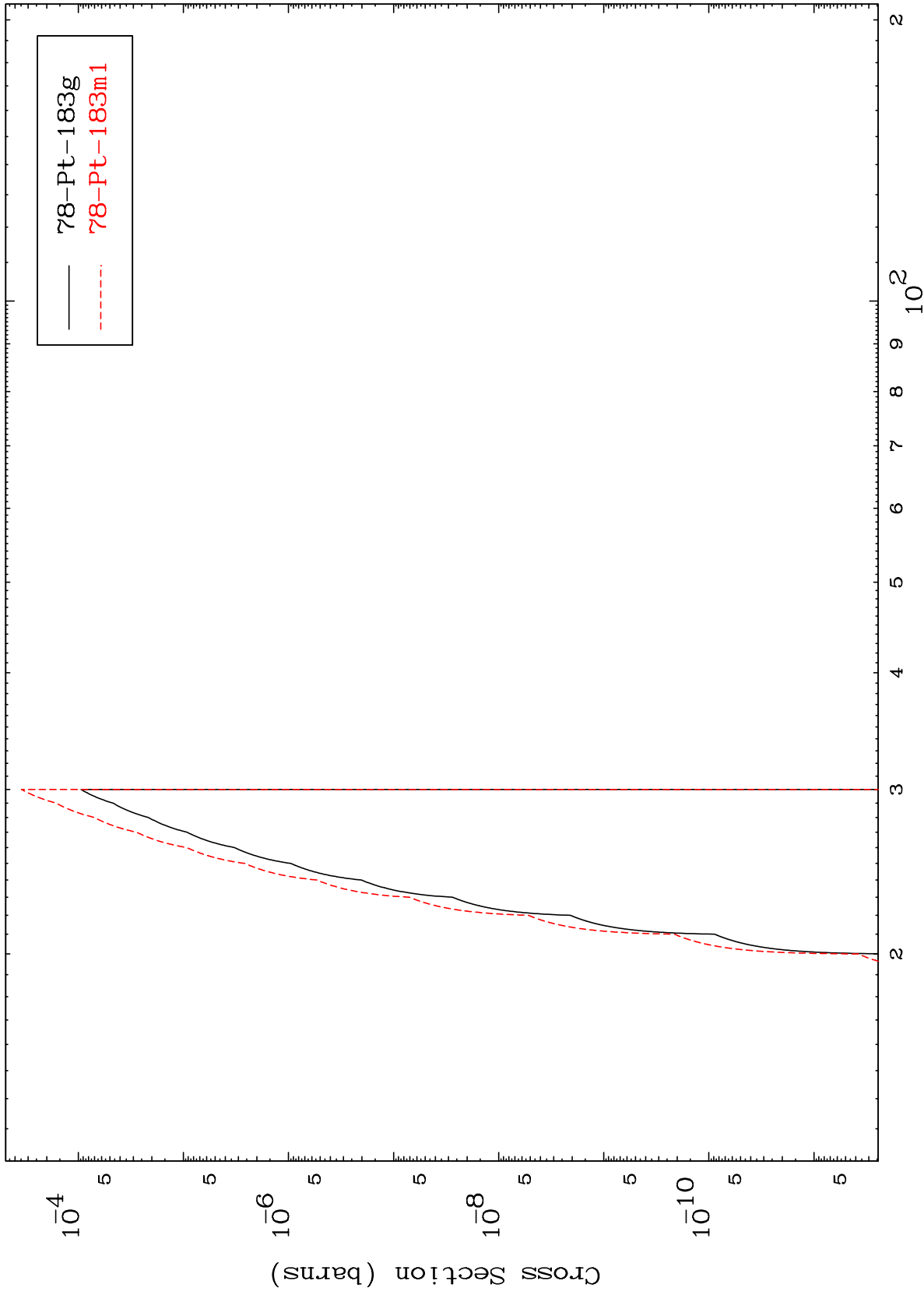


MAT 8004

(n,3n)  $\alpha$

80-Hg-189

Radionuclide Production Cross Section



136

Incident Energy (MeV)

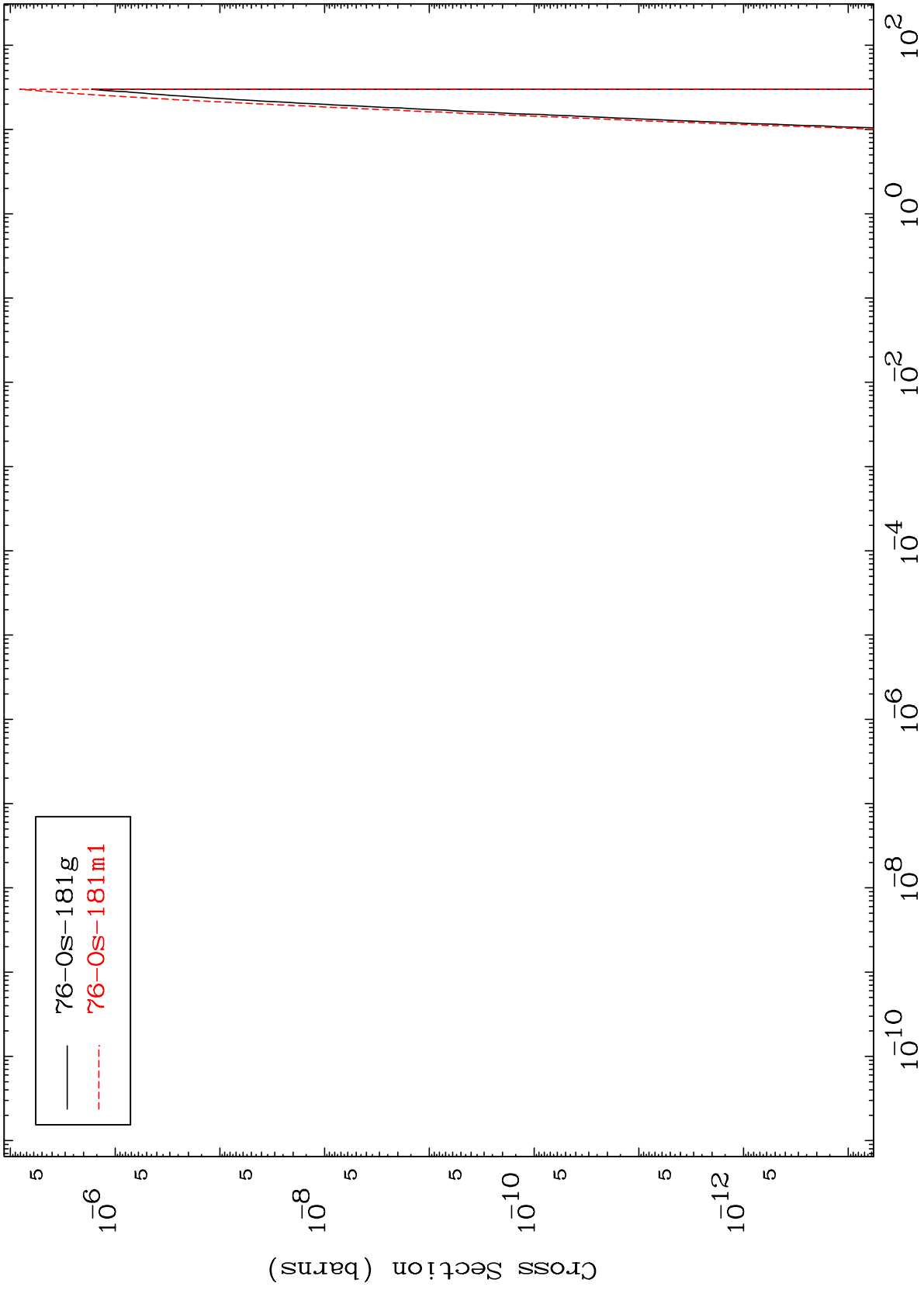
80-Hg-189

MAT 8004

(n,n') 2 $\alpha$

80-Hg-189

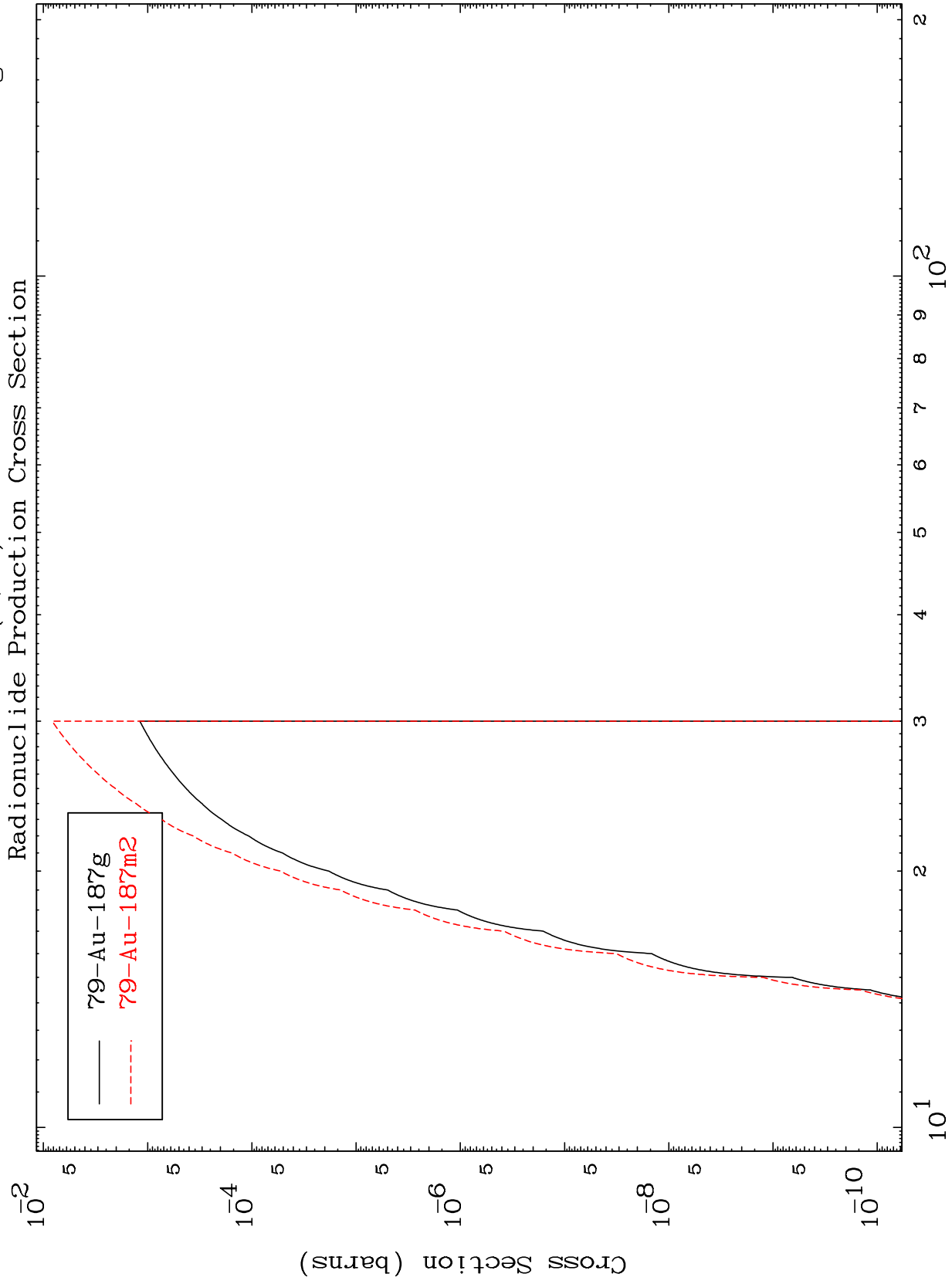
Radionuclide Production Cross Section



MAT 8004

(n,n') d

80-Hg-189



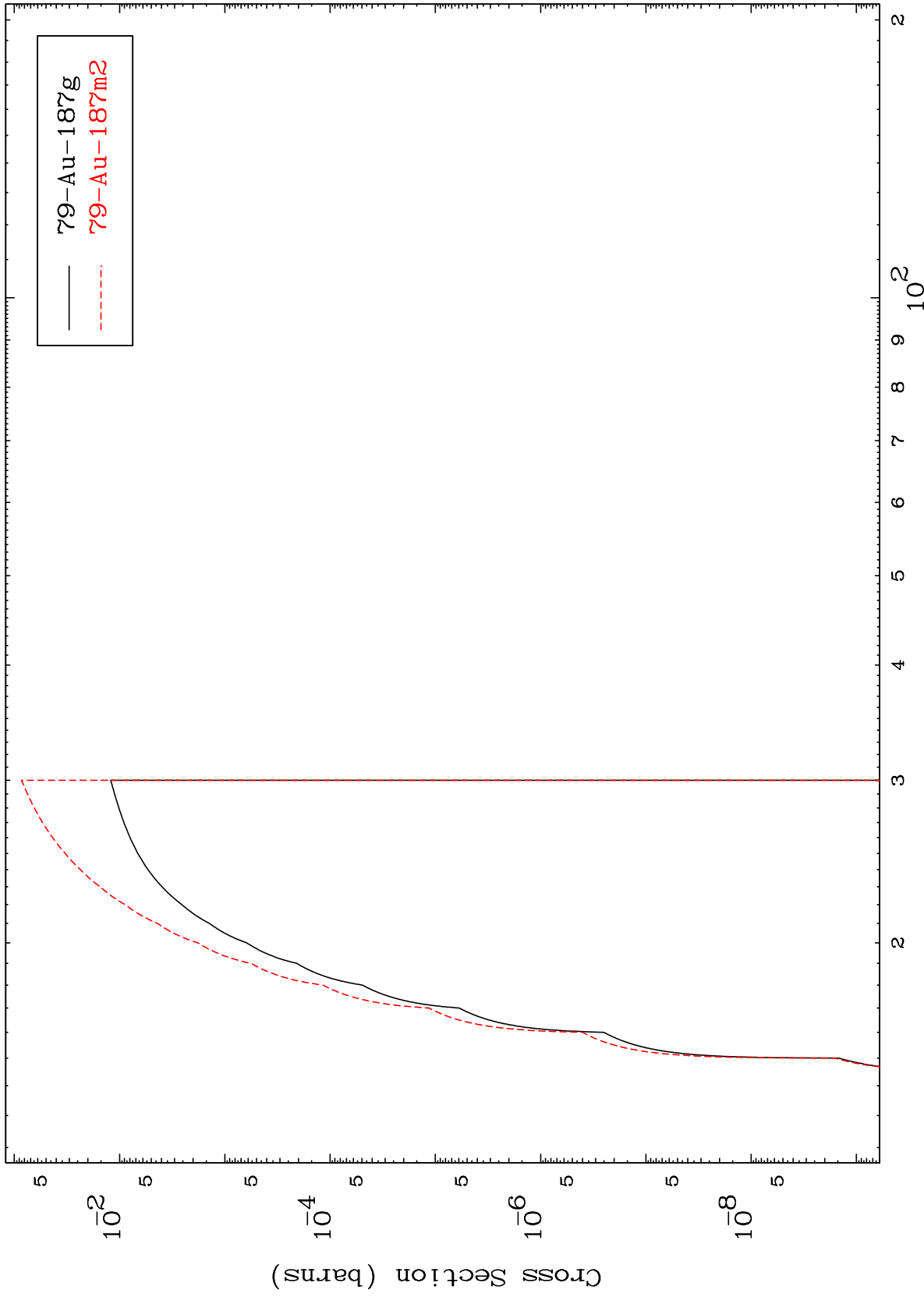
79-Au-187g  
79-Au-187m2

MAT 8004

(n,2n) p

80-Hg-189

Radionuclide Production Cross Section



139

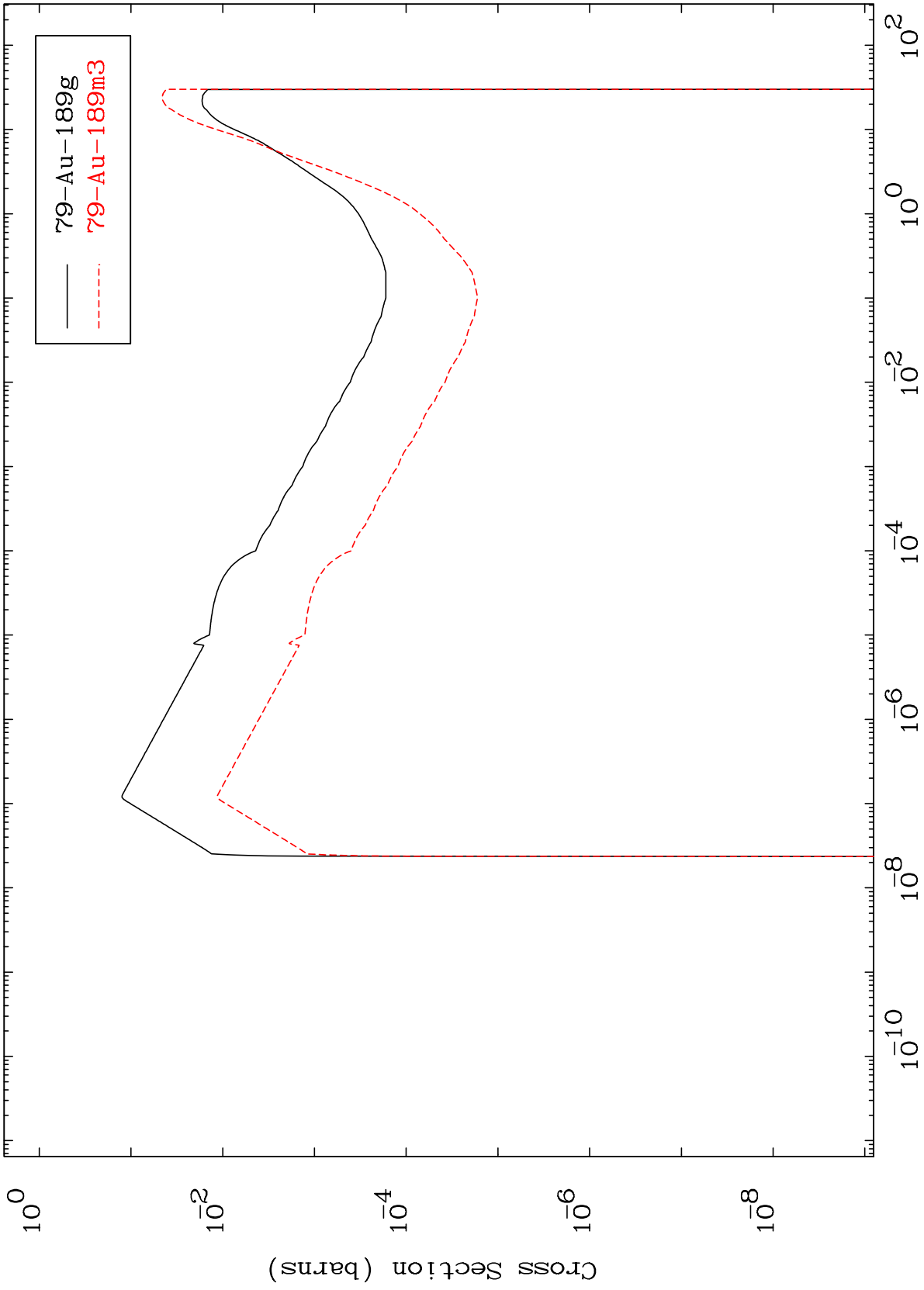
Incident Energy (MeV)

80-Hg-189

MAT 8004

80-Hg-189

(n,p)  
Radionuclide Production Cross Section



140

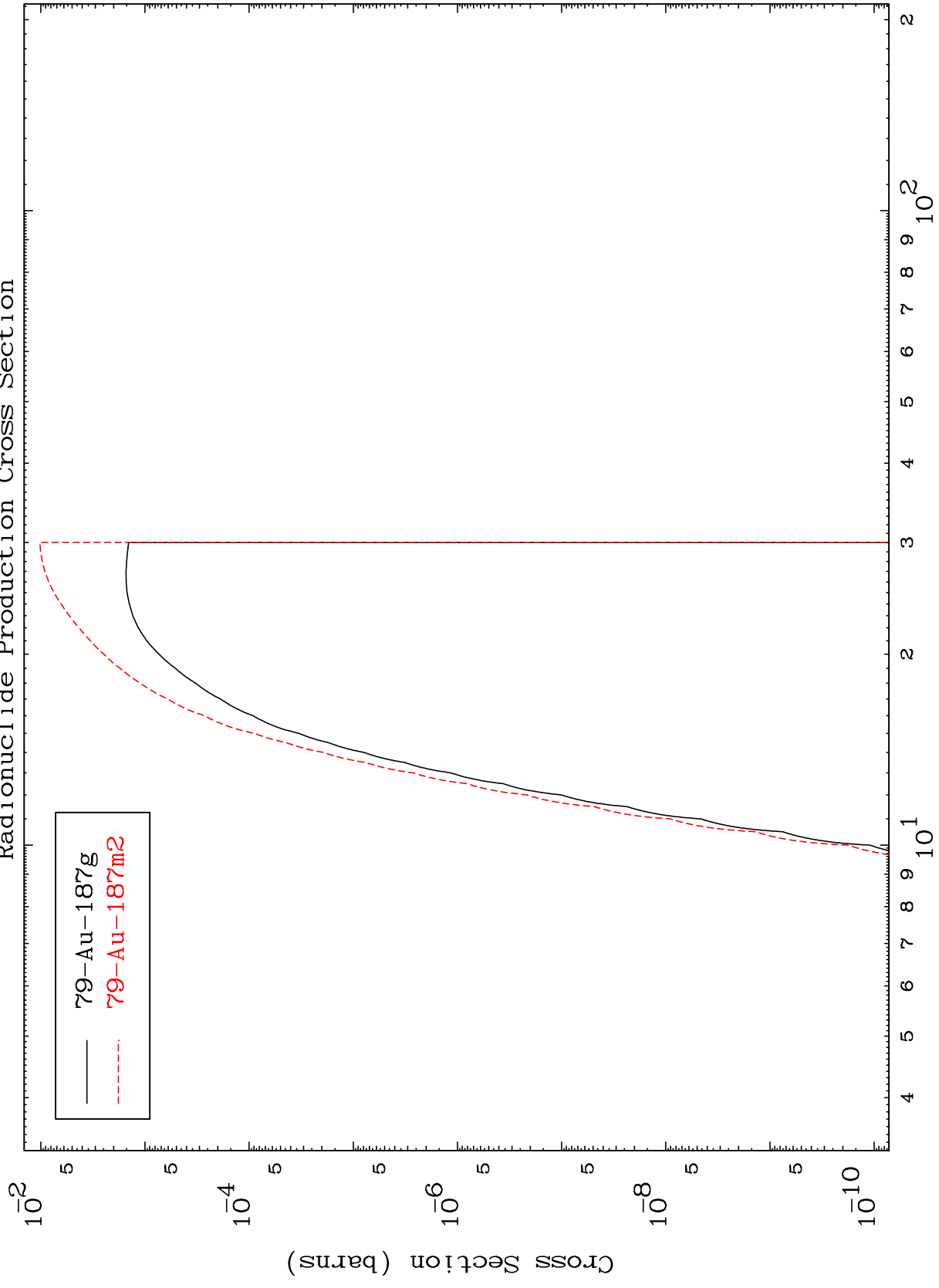
Incident Energy (MeV)

80-Hg-189

MAT 8004

80-Hg-189

Radionuclide Production Cross Section



79-Au-187g  
79-Au-187m2

141

Incident Energy (MeV)

80-Hg-189